

## HOUSE DUST MITE ALLERGENS

Product	Product Code	Description	Expression	Unit
LoTox™ natural Der p 1	LTN-DP1-1	<i>D. pter.</i> Cysteine Protease	Natural	250µg
LoTox™ natural Der p 2	LTN-DP2-1	<i>D. pter.</i> Group 2	Natural	250µg
LoTox™ <i>D. pter.</i> Extract	LTN-DPE-4	<i>D. pteronyssinus</i> culture medium	Natural	1ml
Natural Der p 1	NA-DP1-1	<i>D. pter.</i> Cysteine Protease	Natural	250µg
Natural Der f 1	NA-DF1-1	<i>D. farinae</i> Cysteine Protease	Natural	250µg
Natural Der p 2	NA-DP2-1	<i>D. pter.</i> Group 2	Natural	250µg
Natural Der f 2	NA-DF2-1	<i>D. farinae</i> Group 2	Natural	250µg
Recombinant Der p 1 (DG)	RP-DP1D-1	<i>D. pter.</i> Cysteine Protease	<i>P. pastoris</i>	250µg
Recombinant Der f 1	RP-DF1-1	<i>D. farinae</i> Cysteine Protease	<i>P. pastoris</i>	250µg
Recombinant Der p 2.0101	RP-DP2A-1	<i>D. pter.</i> Group 2	<i>P. pastoris</i>	250µg
Recombinant Der p 2.0103	RP-DP2C-1	<i>D. pter.</i> Group 2	<i>P. pastoris</i>	250µg
Recombinant Der f 2.0103	RP-DF2-1	<i>D. farinae</i> Group 2	<i>P. pastoris</i>	250µg
Recombinant Der p 7	RP-DP7-1	<i>D. pter.</i> Group 7	<i>P. pastoris</i>	250µg
Recombinant Der p 10	RE-DP10-1	<i>D. pter.</i> Tropomyosin	<i>E. coli</i>	250µg
Recombinant Der p 23	RP-DP23-1	<i>D. pter.</i> Peritrophin-like	<i>P. pastoris</i>	250µg
Recombinant Eur m 2.0101	RE-EM2-1	<i>E. maynei</i> Group 2	<i>E. coli</i>	250µg

## MOLECULAR REFERENCE STANDARDS

Natural Der f 1 Molecular Reference Std.	MRS-NDF1-1	<i>D. farinae</i> culture	<i>Natural</i>	10µg
Natural Der f 2 Molecular Reference Std.	MRS-NDF2-1	<i>D. farinae</i> culture	<i>Natural</i>	10µg
Natural Der p 1 Molecular Reference Std.	MRS-NDP1-1	<i>D. pteronyssinus</i> culture	<i>Natural</i>	10µg
Natural Der p 2 Molecular Reference Std.	MRS-NDP2-1	<i>D. pteronyssinus</i> culture	<i>Natural</i>	10µg

## COCKROACH ALLERGENS

Natural Bla g 2	NA-BG2-1	<i>B. germanica</i> Aspartic Protease	Natural	250µg
Recombinant Bla g 1	RP-BG1-1	<i>B. germanica</i>	<i>P. pastoris</i>	250µg
Recombinant Bla g 2	RP-BG2-1	<i>B. germanica</i> Aspartic Protease	<i>P. pastoris</i>	250µg
Recombinant Bla g 4	RP-BG4-1	<i>B. germanica</i> Lipocalin	<i>P. pastoris</i>	250µg
Recombinant Bla g 5	RE-BG5-1	<i>B. german.</i> <i>Glutathione S-transf.</i>	<i>E. coli</i>	250µg
Recombinant Per a 7	RP-PA7-1	<i>P. americana</i> Tropomyosin	<i>P. pastoris</i>	250µg

## ANIMAL ALLERGENS

### CAT

LoTox™ natural Fel d 1	LTN-FD1-1	Cat uteroglobin	Natural	250µg
Natural Fel d 1	NA-FD1-1	Cat uteroglobin	Natural	250µg
Natural Fel d 2	NA-FD2-1	Cat serum albumin	Natural	250µg
Recombinant Fel d 1	RP-FD1D-1	Cat uteroglobin	<i>P. pastoris</i>	250µg
Recombinant Fel d 4	RP-FD4-1	Cat lipocalin	<i>P. pastoris</i>	250µg

## ANIMAL ALLERGENS CONTINUED

Product	Product Code	Description	Expression	Unit
<b>DOG</b>				
LoTox™ natural Can f 1	LTN-CF1-1	Dog lipocalin	Natural	1mg
Natural Can f 1	NA-CF1-1	Dog lipocalin	Natural	250µg
Natural Can f 3	NA-CF3-1	Dog serum albumin	Natural	250µg
Recombinant Can f 1	RP-CF1-1	Dog lipocalin	<i>P. pastoris</i>	250µg
Recombinant Can f 2	RP-CF2-1	Dog lipocalin	<i>P. pastoris</i>	250µg
Recombinant Can f 4	RE-CF4-1	Dog lipocalin	<i>E. coli</i>	250µg
Recombinant Can f 6	RE-CF6-1	Dog lipocalin	<i>E. coli</i>	250µg
<b>MOUSE</b>				
LoTox™ natural Mus m 1	LTN-MM1-1	Mouse lipocalin	Natural	1mg
Natural Mus m 1	NA-MM1-1	Mouse lipocalin	Natural	250µg
<b>OTHER</b>				
Recombinant Bos d 2	RP-BD2-1	Cow lipocalin	<i>P. pastoris</i>	250µg
Recombinant Equ c 1	RE-EC1-1	Horse lipocalin	<i>E. coli</i>	250µg
Recombinant Ory c 3	RPI-OC3-1	Rabbit lipophilin	<i>P. pastoris</i>	250µg
Recombinant Rat n 1	RP-RN1-1	Rat lipocalin	<i>P. pastoris</i>	250µg
<b>FOOD ALLERGENS</b>				
<b>ALMOND</b>				
Natural Pru du 6	NA-PD6-1	Almond 11S globulin	Natural	250µg
Recombinant Pru du 3	RE-PD3-1	Almond nsLTP	<i>E. coli</i>	250µg
<b>ALPHA-GAL</b>				
Natural Alpha-Gal	AGAL-1	Bovine Thyroglobulin	Natural	250µg
<b>BRAZIL NUT</b>				
Natural Ber e 1	NA-BE1-1	Brazil Nut 2S albumin	Natural	250µg
Natural Ber e 2	NA-BE2-1	Brazil Nut 11S globulin	Natural	250µg
Recombinant Ber e 1	RPI-BE1-1	Brazil Nut 2S albumin	<i>P.pastoris</i>	250µg
<b>BUCKWHEAT</b>				
Recombinant Fag e 2	RE-FE2-1	Buckwheat 2S albumin	<i>E. coli</i>	250µg
Recombinant Fag e 3	RE-FE3-1	Buckwheat Vicilin	<i>E. coli</i>	250µg
<b>CANNABIS</b>				
Recombinant Can s 3	RE-CS3-1	Cannabis- Indian Hemp nsLTP	<i>E. coli</i>	250µg
Recombinant Can s 5	RE-CS5-1	Cannabis- Indian Hemp PR-10	<i>E. coli</i>	250µg
<b>CASHEW</b>				
Recombinant Ana o 3	RP-AO3-1	Cashew 2S albumin	<i>P.pastoris</i>	250µg
<b>EGG</b>				
LoTox™ natural Gal d 1	LTN-GD1-1	Chicken egg Ovomucoid	Natural	250µg
LoTox™ natural Gal d 2	LTN-GD2-1	Chicken egg Ovalbumin	Natural	250µg
LoTox™ natural Gal d 4	LTN-GD4-1	Chicken egg Lysozyme	Natural	250µg
LoTox™ natural Gal d 5	LTN-GD5-1	Chicken egg Serum albumin	Natural	250µg
Natural Gal d 3	NA-GD3-1	Chicken egg Ovotransferrin	Natural	250µg

## FOOD ALLERGENS CONTINUED

Product	Product Code	Description	Expression	Unit
<b>FISH</b>				
Recombinant Cyp c 1	RE-CC1-1	Carp parvalbumin	<i>E.coli</i>	250µg
Natural Gad m 1	NA-GAM-1	Atlantic Cod parvalbumin	Natural	250µg
<b>SHELLFISH</b>				
Nat. Shrimp Tropomyosin	NA-STM-1	Shrimp tropomyosin	Natural	250µg
Recombinant Pen a 1	RPI-PA1-1	Brown shrimp tropomyosin	<i>P.pastoris</i>	250µg
<b>FRUITS &amp; VEGETABLES</b>				
Recombinant Act d 8	RPI-AD8-1	Kiwi PR-10	<i>P.pastoris</i>	250µg
Recombinant Api g 1	RP-AG1-1	Celery PR-10	<i>P.pastoris</i>	250µg
Recombinant Fra a 1	RPI-FA1-1	Strawberry PR-10	<i>P.pastoris</i>	250µg
Recombinant Mal d 1	RPI-MD1-1	Apple PR-10	<i>P.pastoris</i>	250ug
Recombinant Pru p 1	RE-PRP1-1	Peach PR-10	<i>E.coli</i>	250µg
Recombinant Pru p 3	RP-PP3-1	Peach nsLTP	<i>P.pastoris</i>	250µg
<b>HAZELNUT</b>				
Natural Cor a 8	NA-CA8-1	Hazelnut nsLTP	<i>Natural</i>	250µg
Natural Cor a 9	NA-CA9-1	Hazelnut 11S globulin	Natural	250µg
Natural Cor a 11	NA-CA11-1	Hazelnut 7S globulin	Natural	250µg
Natural Cor a 14	NA-CA14-1	Hazelnut 2S albumin	Natural	250µg
Recombinant Cor a 1	RP-CA1-1	Hazelnut PR-10	<i>P. pastoris</i>	250µg
Recombinant Cor a 8	RP-CA8-1	Hazelnut nsLTP	<i>P. pastoris</i>	250µg
Recombinant Cor a 14	RP-CA14-1	Hazelnut 2S albumin	<i>P. pastoris</i>	250µg
<b>PEANUT</b>				
LoTox™ natural Ara h 1	LTN-AH1-1	Blanched peanut 7S globulin	Natural	1mg
LoTox™ natural Ara h 2	LTN-AH2-1	Peanut flour, light roast 2S albumin	Natural	1mg
LoTox™ natural Ara h 3	LTN-AH3-1	Blanched peanut 11S globulin	Natural	1mg
LoTox™ natural Ara h 6	LTN-AH6-1	Peanut flour,light roast 2S albumin	Natural	1mg
Biotin natural Ara h 1	BI-NAH1-1	Blanched peanut 7S globulin	Natural	1mg
Biotin natural Ara h 2	BI-NAH2-1	Peanut flour,light roast 2S albumin	Natural	1mg
Biotin natural Ara h 3	BI-NAH3-1	Blanched peanut 11S globulin	Natural	1mg
Biotin natural Ara h 6	BI-NAH6-1	Peanut flour,light roast 2S albumin	Natural	1mg
Biotin recomb. Ara h 8	BI-RAH8-1	Peanut, PR10	<i>E. coli</i>	1mg
Natural Ara h 1	NA-AH1-1	Blanched peanut 7S globulin	Natural	250µg
Natural Ara h 2	NA-AH2-1	Peanut flour,light roast 2S albumin	Natural	250µg
Natural Ara h 3	NA-AH3-1	Peanut flour,light roast 11S globulin	Natural	250µg
Natural Ara h 6	NA-AH6-1	Peanut flour,light roast 2S albumin	Natural	250µg
Recombinant Ara h 1 VBP	RE-AH1pro-1	Ara h 1 Vicilin Buried Peptide	<i>E.coli</i>	250µg
Recombinant Ara h 2	RP-AH2-1	Peanut 2S albumin	<i>P. pastoris</i>	250µg
Recombinant Ara h 8	RE-AH8-1	Peanut PR-10	<i>E. coli</i>	250µg
Recombinant Ara h 9	RP-AH9-1	Peanut nsLTP	<i>P. pastoris</i>	250µg
<b>MOLECULAR COMPOSITES</b>				
Molecular Composite Peanut	MCP-AH-1	Ara h 1, Ara h 2, Ara h 3, Ara h 6	Natural	250µg
Molecular Composite Milk	MCM-BD-1	Bos d 4, Bos d 5, Bos d 8	Natural	250µg
Molecular Composite Egg (Egg White)	MCE-GD-1	Gal d 1, Gal d 2, Gal d 3, Gal d 4	Natural	250µg

## FOOD ALLERGENS CONTINUED

Product	Product Code	Description	Expression	Unit
<b>MILK</b>				
Natural Bos d 4	NA-BD4-1	Cow's milk $\alpha$ -lactalbumin	Natural	250 $\mu$ g
Natural Bos d 5	NA-BD5-1	Cow's milk $\beta$ -lactoglobulin	Natural	250 $\mu$ g
Natural Bos d 6	NA-BD6-1	Cow's milk serum albumin	Natural	250 $\mu$ g
Natural Bos d 8	NA-BD8-1	Cow's milk casein	Natural	250 $\mu$ g
Natural lactoferrin	NA-BLF-1	Cow's milk lactoferrin	Natural	250 $\mu$ g
<b>MUSTARD SEED</b>				
Natural Sin a 1	NA-SA1-1	Mustard 2S albumin	Natural	250 $\mu$ g
Recombinant Sin a 1	RP-SA1-1	Mustard 2S albumin	<i>P.pastoris</i>	250 $\mu$ g
<b>PEA</b>				
Recombinant Pis s 1	RE-PIS1-1	Pea vicilin	<i>E. coli</i>	250 $\mu$ g
<b>PECAN</b>				
Recombinant Car i 1	RPI-CI1-1	Pecan 2S albumin	<i>P.pastoris</i>	250 $\mu$ g
<b>PINE NUT</b>				
Recombinant Pin p 1	RPI-PP1-1	Pine Nut 2S albumin	<i>P.pastoris</i>	250 $\mu$ g
<b>PISTACHIO</b>				
Recombinant Pis v 1	RE-PV1-1	Pistachio 2S albumin	<i>E.coli</i>	250 $\mu$ g
<b>SESAME</b>				
Recombinant Ses i 1	RP-SI1-1	Sesame 2S albumin	<i>P.pastoris</i>	250 $\mu$ g
<b>SOY</b>				
Natural Gly m 5	NA-GM5-1	Soy $\beta$ -conglycinin	Natural	250 $\mu$ g
Natural Gly m 6	NA-GM6-1	Soy glycinin	Natural	250 $\mu$ g
Recombinant Gly m 4	RP-GM4-1	Soy PR-10	<i>P. pastoris</i>	250 $\mu$ g
<b>WALNUT</b>				
Recombinant Jug r 1	RP-JR1-1	Walnut 2S albumin	<i>P.pastoris</i>	250 $\mu$ g
Recombinant Jug r 3	RPI-JR3-1	Walnut nsLTP	<i>P.pastoris</i>	250 $\mu$ g
Recombinant Jug r 5	RE-JR5-1	Walnut PR-10	<i>E. coli</i>	250 $\mu$ g
<b>WHEAT</b>				
Natural wheat gliadin	NA-GLIADIN-1	Wheat gliadin	Natural	200 $\mu$ g
Recombinant Tri a 14	RE-TA14-1	Wheat nsLTP	<i>E.coli</i>	250 $\mu$ g
Recombinant Tri a 19 Full Length	RE-TA19FL-1	Wheat Omega-5 gliadin	<i>E.coli</i>	250 $\mu$ g

## FOOD PROTEIN STANDARDS

Product	Product Code	Description	Expression	Unit
LoTox™ Atlantic Cod Protein	LTN-GAE-1	Atlantic Cod	Natural	1ml
LoTox™ Cashew Protein	LTN-AOE-1	Cashew Flour	Natural	1ml
LoTox™ Egg white Protein	LTN-GDE-1	Egg white	Natural	1ml
LoTox™ Milk Protein	LTN-BDE-1	Cow's Milk	Natural	1ml
LoTox™ Hazelnut Protein	LTN-CAE-1	Hazelnut flour	Natural	1ml
LoTox™ Pea Protein	LTN-PSE-1	Pea flour	Natural	1ml
LoTox™ Peanut Protein	LTN-AHRE-1	Peanut flour, light roast	Natural	1ml
Natural Pecan Protein	NA-CIE-1	Pecan flour	Natural	1ml
Natural Almond Protein	NA-PDE-1	Almond Flour	Natural	1ml
LoTox™ Walnut Protein	LTN-JRE-1	Walnut Flour	Natural	1ml
LoTox™ Pistachio Protein	LTN-PVRE-1	Pistachio flour, roasted	Natural	1ml
LoTox™ Sesame Protein	LTN-SIE-1	Sesame Flour	Natural	1ml
LoTox™ Shrimp Protein	LTN-STME-1	Shrimp	Natural	1ml
LoTox™ Soy Protein	LTN-GME-1	Soybean flour	Natural	1ml
LoTox™ Wheat Protein (Ethanol Soluble)	LTN-TAEE-1	Blanched Wheat Flour	Natural	1ml
Natural Wheat Protein (Water soluble)	NA-TAWE-1	Blanched Wheat Flour	Natural	1ml

## MOLD ALLERGENS

Recombinant Alt a 1	RP-AA1-1	<i>Alternaria alternata</i>	<i>Pichia pastoris</i>	250µg
Recombinant Asp f 1	RP-AF1-1	<i>Aspergillus fumigatus</i> Mitogillin	<i>Pichia pastoris</i>	250µg

## POLLEN ALLERGENS

### TREE POLLEN

Natural Bet v 1	NA-BV1-1	Birch PR-10	Natural	250µg
Natural Cry j 1	NA-CJ1-1	Japanese Cedar pectate lyase	Natural	250µg
Recombinant Aln g 1	RE-AG1-1	Alder PR-10	<i>E. coli</i>	250µg
Recombinant Bet v 1	RP-BV1-1	Birch PR-10	<i>P. pastoris</i>	250µg
Recombinant Bet v 2	RP-BV2-1	Birch Profilin	<i>P. pastoris</i>	250µg
Recombinant Cor a 1	RE-CA101-1	Hazelnut PR-10	<i>E. coli</i>	250µg
Recombinant Ole e 1	RP-OE1-1	Olive group 1	<i>P. pastoris</i>	250µg
Recombinant Pla l 1	RPI-PL1-1	English Plantain Ole e 1 -related	<i>P. pastoris</i>	250µg
Recombinant Que a 1	RE-QA1-1	White Oak PR-10	<i>E. coli</i>	250µg

### GRASS POLLEN

LoTox™ recomb.Phil p 5a	LTR-PP5A-1	Timothy	<i>E. coli</i>	250µg
Natural Amb a 1	NA-AAR1	Ragweed pectate lyase	Natural	250µg
Natural Lol p 1	NA-LP1-1	Rye grass beta-expansin	Natural	250µg
Natural Phl p 1	NA-PP1-1	Timothy Beta expansin	<i>E. coli</i>	250µg
Recombinant Art v 1	RE-AV1-1	Mugwort Defensin-like	<i>E. coli</i>	250µg
Recombinant Art v 3	RPI-AV3-1	Mugwort nsLTP	<i>P. pastoris</i>	250µg
Recombinant Cyn d 1	RE-CD1-1	Bermuda Grass beta-expansin	<i>E. coli</i>	250µg
Recombinant Par j 1	RPI-PJ1-1	Pellitory of the wall LTP	<i>P.pastoris</i>	250µg
Recombinant Par j 2	RPI-PJ2-1	Pellitory of the wall LTP	<i>P.pastoris</i>	250µg
Recombinant Phl p 6	RP-PP6-1	Timothy	<i>P. pastoris</i>	250µg
Recombinant Phl p 11	RP-PP11-1	Timothy Ole e 1-related	<i>P. pastoris</i>	250µg

## VENOM ALLERGENS

Product	Product Code	Description	Expression	Unit
<b>VESPID</b>				
Recombinant Pol d 5	RP-PD5-1	Paper wasp antigen 5	<i>P. pastoris</i>	250µg
Recombinant Ves v 1	RP-VV1-1	Yellow Jacket Phospholipase A1B	<i>P. pastoris</i>	250µg
Recombinant Ves v 2	RE-VV2-1	Yellow Jacket Antigen 2	<i>E. coli</i>	250µg
Recombinant Ves v 5	RP-VV5-1	Yellow Jacket Antigen 5	<i>P. pastoris</i>	250µg
<b>HONEYBEE</b>				
Recombinant Api m 1	RE-AM1-1	Honey Bee Phospholipase A2	<i>E. coli</i>	250µg
<b>VENOM PROTEIN STANDARDS</b>				
LoTox™ European Wasp Protein	LTN-VGVE-1	European Wasp Venom	Natural	250µl
LoTox™ Honeybee Venom Protein	LTN-AME-1	Honey Bee Venom	Natural	250µl
LoTox™ Paper Wasp Protein	LTN-PDVE-1	Paper Wasp Venom	Natural	250µl

\*For full product specifications, paste the product code into the search function on our website: [www.store.inbio.com](http://www.store.inbio.com)