Recombinant Der p 1 DG

Product Code: RP-DP1D-1

Allergen: rDer p 1 (*Dermatophagoides pteronyssinus* allergen 1) deglycosylated

Lot No: XXXXX

Source: *Pichia pastoris* (clone N52Q, N-glycosylation site N52 mutated).

Mol. Wt: 24 kD

Purification: Purified from *Pichia pastoris* culture by affinity chromatography. Purity on silver stained SDS-PAGE >95%.

Concentration: See product insert.

Formulation: Preservative and carrier-free in 0.1 M CAPS Buffer, pH 9.5. Filtered through 0.22 µm filter.

Storage: Store at -20°C. Avoid freeze-thaw cycles.

Notes:
1. Mature form of rDer p 1; proregion removed with acid dialysis.
2. Cysteine protease activity (DTT dependent) >360 RFU @ 0.25µg/ml.
3. For stability purposes the product is shipped in CAPS buffer, pH 9.5. It may be dialysed or diluted into a physiological buffer for cell culture purposes, but long term storage in PBS may cause precipitation.

Allergens are provided for research and commercial use in vitro: Not for human in vivo or therapeutic use.

REFERENCES:

5. Best BE, Stedman KE, Bozic CM, Hunter SW, Vailles LD, Chapman MD, McCall CA, McDermott MJ. A recombinant group 1 house dust mite allergen, rDer f 1, with biological activities similar to those of the native allergen. Prot Exp Pur 2000;20:462-71.