

**Product Code:** RP-DF1-1

**Allergen:** rDer f 1 (*Dermatophagoides farinae* allergen 1)

**Lot No:** XXXX

**Source:** *P. pastoris*

**Mol. Wt:** ~36-40kD

**Purification:** Purified from *Pichia pastoris* culture by multi-step chromatography. Purity > 95% by SDS-PAGE.

**Concentration:** See product insert

**Formulation:** Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.

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

**Expiration:** See product insert

**Notes:** (1) rDer f 1 is produced in *P. pastoris* with the pro-region attached. (2) The pro-region must be removed by acid hydrolysis for the protein to exhibit protease activity under reducing conditions. (3) rDer f 1 is glycosylated and has a higher MW than the natural allergen. The doublet is due to dimer formation.

**Gel Image:**

rDer f 1



For research and commercial use *in vitro*: not for human *in vivo* or therapeutic use.

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