

SPECIFICATION SHEET

Product Name: Der p 1
Catalog # DP01-A25H

Product Description: Recombinant *Dermatophagoides pteronyssinus* allergen Der p 1 was expressed in HEK293 Cells and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names : Peptidase 1, cysteine protease, major mite fecal allergen Der p 1

Source : *Dermatophagoides pteronyssinus* (european house dust mite)

Accession Numbers : Genbank: [AAB60215](#)

UniProt: [P08176](#)

Host : HEK293 Cells

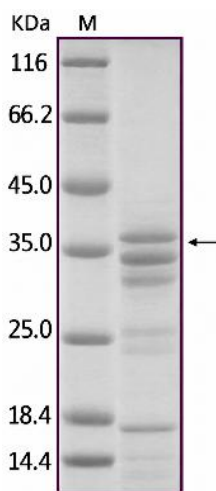
Formulation : Protein stored in PBS, pH 7.4

Molecular Weight : Calculated: 35.7 kDa

Observed: ~35.0 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Chapman MD, et al. Purification and characterization of the major allergen from *Dermatophagoides pteronyssinus*-antigen P1. J Immunol. 1980 Aug;125(2):587-92.
2. Chua KY, et al. Sequence analysis of cDNA coding for a major house dust mite allergen, Der p 1. Homology with cysteine proteases. Journal of Experimental Medicine. 1988;167(1):175-182.

Version: 1.0