

## SPECIFICATION SHEET

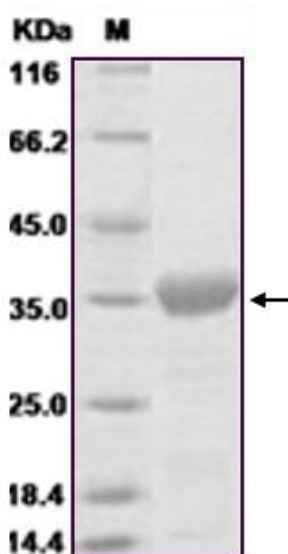
**Product Name: Der p 10**
**Catalog # DP10-A25H**

**Product Description:** Recombinant *Dermatophagoides pteronyssinus* allergen Der p 10 was expressed in *E. coli* 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** : Tropomyosin  
**Source** : *Dermatophagoides pteronyssinus* (European house dust mite)  
**Accession Numbers** : Genbank: [CAA75141](#)  
 UniProt: [O18416](#)  
**Host** : *E. coli*  
**Formulation** : Protein stored in PBS, pH 7.4  
**Molecular Weight** : Calculated: 32.9 kDa  
 Observed: ~35.0 kDa  
**Purity** : The purity was determined to be ≥ 90% by densitometry

**Gel Image**



### References

1. Asturias JA, et al. Sequencing and high-level expression in *Escherichia coli* of the tropomyosin allergen (Der p 10) from *Dermatophagoides pteronyssinus*. *Biochim Biophys Acta*. 1998 Apr 1;1397(1):27-30.
2. Resch Y, et al. Molecular characterization of Der p 10: a diagnostic marker for broad sensitization in house dust mite allergy. *Clin Exp Allergy*. 2011 Oct;41(10):1468-77.

Version: 1.0