

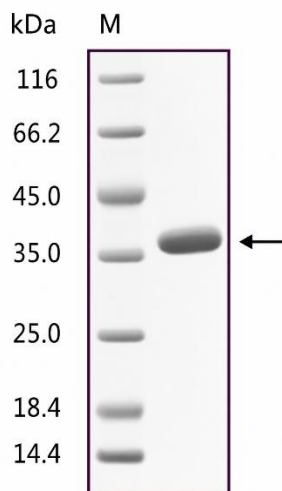
SPECIFICATION SHEET

Product Name: Pen a 1
Catalog # PE01-A25H

Product Description: Recombinant *Penaeus aztecus* allergen Pen a 1 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 : Brown shrimp tropomyosin
Source : *Penaeus aztecus* (brown shrimp)
Accession Numbers : Genbank: [AAZ76743](#)
 UniProt: [Q3Y8M6](#)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 500 mM NaCl, 2 M Urea, pH 7.4
Molecular Weight : Calculated: 32.0 kDa
 Observed: ~35 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Daul CB, et al. Identification of the major brown shrimp (*Penaeus aztecus*) allergen as the muscle protein tropomyosin. *Int Arch Allergy Immunol.* 1994 Sep;105(1):49-55.
2. Reese G, et al. Characterization of recombinant shrimp allergen Pen a 1 (tropomyosin). *Int Arch Allergy Immunol.* 1997 May-Jul;113(1-3):240-2.

Version: 1.0