

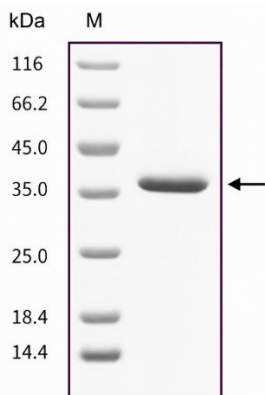
SPECIFICATION SHEET

Product Name: Met e 1
Catalog #ME01-A22H

Product Description: Recombinant *Metapenaeus ensis* allergen Met e 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 : Tropomyosin
Source : *Metapenaeus ensis* (greasyback shrimp)
Accession Numbers : Genbank: [AAA60330](https://www.ncbi.nlm.nih.gov/nuclot/AAA60330)
 UniProt: [Q25456](https://www.uniprot.org/uniprot/Q25456)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, pH 7.4
Molecular Weight : Calculated: 34.0 kDa
 Observed: ~35.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry
Gel Image



References

1. Leung PS, et al. Cloning, expression, and primary structure of *Metapenaeus ensis* tropomyosin, the major heat-stable shrimp allergen. *J Allergy Clin Immunol.* 1994 Nov;94(5):882-90.
2. Wai CYY, et al. (2014) Immunization with Hypoallergens of Shrimp Allergen Tropomyosin Inhibits Shrimp Tropomyosin Specific IgE Reactivity. *PLoS ONE* 9(11): e111649.