

SPECIFICATION SHEET

Product Name: Pen m 2
Catalog # PM02-A951H

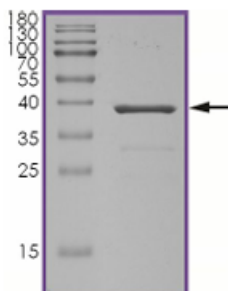
Product Description: Recombinant *Penaeus monodon* allergen Pen m 2 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

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

Data for a Sample Lot:

Alternate Names : Arginine Kinase, AK
Source : *Penaeus monodon* (Giant tiger prawn)
Accession Numbers : GenBank: [AF479772.1](https://www.ncbi.nlm.nih.gov/nuclot/AF479772.1)
 UniProt: [Q8I9P7](https://www.uniprot.org/uniprot/Q8I9P7)
Host : *E. coli*
Formulation : Recombinant protein stored in 1x PBS, 5% sucrose, 5% trehalose solution
Molecular Weight : Calculated: 41.2 kDa
 Observed: ~39 kDa
Purity : The purity was determined to be ≥ 89% by densitometry

Gel Image



References

1. Yu CJ, Lin YF, Chiang BL, Chow LP. Proteomics and immunological analysis of a novel shrimp allergen, Pen m 2. J Immunol. 2003 Jan 1;170(1):445-453. doi: 10.4049/jimmunol.170.1.445. PMID: 12496430.