

SPECIFICATION SHEET

Product Name: Pan b 1
Catalog # PB01-A951H

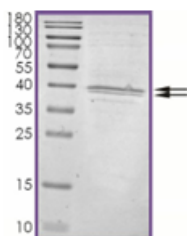
Product Description: Recombinant *Pandalus borealis* allergen Pan b 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

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

Data for a Sample Lot:

Alternate Names : Tropomyosin
Source : *Pandalus borealis* (Northern red shrimp)
Accession Numbers : GenBank: [FR72868](https://www.ncbi.nlm.nih.gov/nuclot/FR72868)
 UniProt: [P86704](https://www.uniprot.org/uniprot/P86704)
Host : *E. coli*
Formulation : Protein stored in 1x PBS solution
Molecular Weight : Calculated: 33.9 kDa
 Observed: ~40 kDa
Purity : The purity was determined to be $\geq 80\%$ by densitometry

Gel Image



References

1. Myrset HR, et al. Structural and immunological characterization of recombinant Pan b 1, a major allergen of northern shrimp, *Pandalus borealis*. *Int Arch Allergy Immunol*. 2013;160(3):221-232. doi: 10.1159/000339859. PMID: 23075760.
2. Myrset HR, et al. Mapping of the immunodominant regions of shrimp tropomyosin Pan b 1 by human IgE-binding and IgE receptor crosslinking studies. *Int Arch Allergy Immunol*. 2013;162(1):25-38. doi: 10.1159/000350791. PMID: 23817275.