

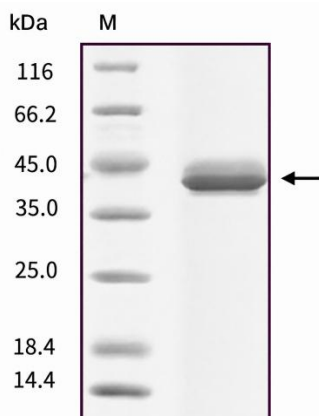
SPECIFICATION SHEET

Product Name: Scy p 1
Catalog # SP01-A25H

Product Description: Recombinant *Scylla paramamosain* allergen Scy p 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	: <i>Scylla paramamosain</i> (mud crab)
Accession Numbers	: Genbank: ABS12233.1 UniProt: A7L5V2
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, 2 M Urea, pH 8.0
Molecular Weight	: Calculated: 38.0 kDa Observed: ~38.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Liu GY, et al. Analysis of the Allergenic Epitopes of Tropomyosin from Mud Crab Using Phage Display and Site-Directed Mutagenesis. *J Agric Food Chem.* 2018 Aug 29;66(34):9127-9137.
2. Li MS. Et al. IgE Epitope Analysis for Scy p 1 and Scy p 3, the Heat-Stable Myofibrillar Allergens in Mud Crab. *J. Agric. Food Chem.* 28 September 2022; 70 (38): 12189-12202.

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