

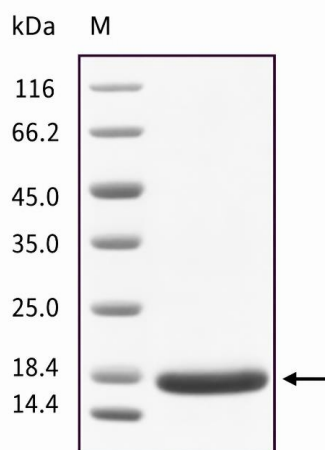
SPECIFICATION SHEET

Product Name: Scy p 3
Catalog # SP03-A25H

Product Description: Recombinant *Scylla paramamosain* allergen Scy p 3 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 : Myosin light chain
Source : *Scylla paramamosain* (mud crab)
Accession Numbers : Genbank: [ODH76468.1](https://www.ncbi.nlm.nih.gov/nuclot/ODH76468.1)
 UniProt: [A0A514C9K9](https://www.uniprot.org/uniprot/A0A514C9K9)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, 200 mM Arg, pH 7.5
Molecular Weight : Calculated: 18.4 kDa
 Observed: ~18.3 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. 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.
2. Li MS. et al. Cloning, Expression, and Epitope Identification of Myosin Light Chain 1: An Allergen in Mud Crab. J Agric Food Chem. 2019 Sep 18;67(37):10458-10469.

Version: 1.0