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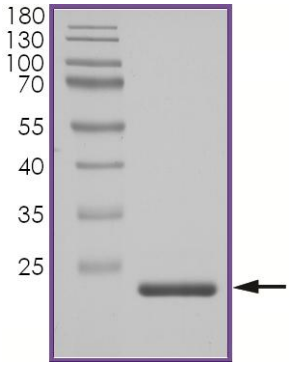
SPECIFICATION SHEET

Product Name: Lit v 4 — Catalog # LV04-A951H

Product Description: Recombinant *Litopenaeus vannamei* (White shrimp) allergen Lit v 4 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at –20°C. T product into smaller quantities.

Data for a Sample Lot:

Alternate Names	: Sarcoplasmic calcium-binding protein, alpha chain, SCP alpha chain, Allergen Lit v 4, Lit v 4.0101
Source	: *Litopenaeus vannamei* (White shrimp)
Accession Numbers	: Genbank: FJ184279.1 UniProt: C7A639
Host	: *E. coli*
Formulation	: Recombinant protein stored in 1X PBS
Molecular weight	: Calculated: ~23.4 kDa Observed ~23 kDa
Concentration	: 4.06 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

References

1. Ayuso R, et. al. Sarcoplasmic calcium-binding protein is an EF-hand-type protein identified as a new shrimp allergen. J Allergy Clin Immunol. 2009 Jul;124(1):114-20. doi: 10.1016/j.jaci.2009.04.016. Epub 2009 Jun 11. PMID: 19523674.