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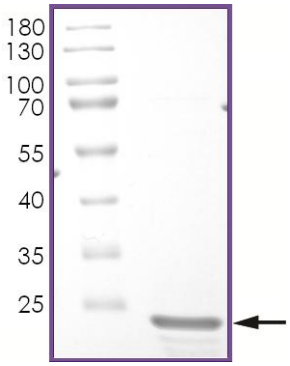
# SPECIFICATION SHEET

## Product Name: Lit v 3 — Catalog # LV03-A951H

**Product Description:** Recombinant *Litopenaeus vannamei* (White shrimp) allergen Lit v 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.

**Data for a Sample Lot:**

| | |
|---|---|
| **Alternate Names** | : Myosin regulatory light chain 2, Allergen Lit v 3, Myosin light chain, MLC, Lit v 3.0101 |
| **Source** | : *Litopenaeus vannamei* (White shrimp) |
| **Accession Numbers** | : Genbank: EU449515.1<br>UniProt: B7SNI3 |
| **Host** | : *E. coli* |
| **Formulation** | : Recombinant protein stored in 1X PBS |
| **Molecular weight** | : Calculated: ~20.6 kDa<br>Observed ~20 kDa |
| **Concentration** | : 3.27 µg/µl |
| **Purity** | : The purity was determined to be >90% by densitometry |
| **Gel Image** |  |



**References**

1. Ayuso R, et al. Myosin light chain is a novel shrimp allergen, Lit v 3. J Allergy Clin Immunol. 2008 Oct;122(4):795-802. doi: 10.1016/j.jaci.2008.07.023. Epub 2008 Aug 28. PMID: 18760458