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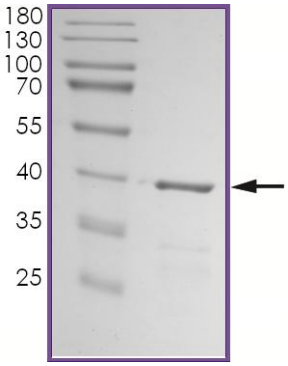
SPECIFICATION SHEET

Product Name: Lit v 2 — Catalog # LV02-A951H

Product Description: Recombinant *Litopenaeus vannamei* (White shrimp) allergen Lit v 2 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 diluted product into smaller quantities.

Data for a Sample Lot:

Alternate Names	: Arginine kinase Lit v 2, Allergen Lit v 2, Arginine kinase, LvAK, Lit v 2.0101, AK
Source	: *Litopenaeus vannamei* (White shrimp)
Accession Numbers	: Genbank: DQ975203.1 UniProt: Q004B5
Host	: *E. coli*
Formulation	: Recombinant protein stored in 1X PBS
Molecular weight	: Calculated: ~41.5 kDa Observed ~40 kDa
Concentration	: 0.67 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

References

1. García-Orozco KD, et. al. Molecular characterization of arginine kinase, an allergen from the shrimp Litopenaeus vannamei. Int Arch Allergy Immunol. 2007;144(1):23-8. doi: 10.1159/000102610. Epub 2007 May 11. PMID: 17496423.