

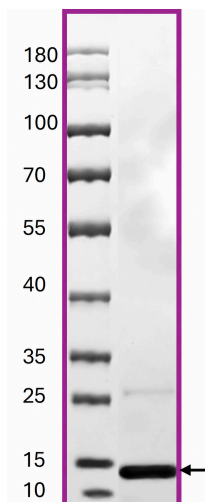
SPECIFICATION SHEET

Product Name: Ras k 1
Catalog # RK01-A35H

Product Description: Recombinant *Rastrelliger kanagurta* allergen Ras k 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	: Indian mackerel parvalbumin
Source	: <i>Rastrelliger kanagurta</i> (Indian mackerel)
Accession Numbers	: GenBank: KX527884 UniProt: A0A1B1V0G7
Host	: <i>E. Coli</i>
Formulation	: Protein stored in 1x PBS
Molecular Weight	: Calculated: 12.7 kDa Observed: ~13.5 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Ruethers T, et al. Characterization of Ras k 1 a novel major allergen in Indian mackerel and identification of parvalbumin as the major fish allergen in 33 Asia-Pacific fish species. Clin Exp Allergy. 2018 Apr;48(4):452-463.
2. Mukherjee S, et al. Parvalbumin: A Major Fish Allergen and a Forensically Relevant Marker. Genes (Basel). 2023 Jan 14;14(1):223.

Version #: 1.0

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