

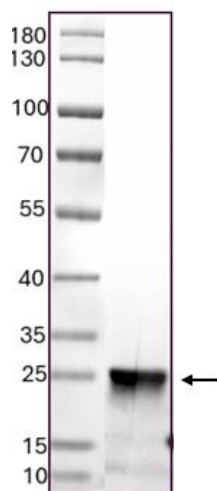
SPECIFICATION SHEET

Product Name: Cra c 4
Catalog # CC04-A35H

Product Description: Recombinant *Crangon crangon* allergen Cra c 4 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	: Sarcoplasmic calcium-binding protein
Source	: <i>Crangon crangon</i> (brown shrimp)
Accession Numbers	: GenBank: FJ462737 UniProt: D7F1P9
Host	: <i>E. coli</i>
Formulation	: Protein stored in 1x PBS
Molecular Weight	: Calculated: 23.2 kDa Observed: ~25 kDa
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. *Journal of Allergy and Clinical Immunology*. 2009. 124(1):114-120.
2. Bauermeister K, et al. Generation of a comprehensive panel of crustacean allergens from the North Sea shrimp *Crangon crangon*. *Molecular Immunology*. 2011. 48:1983-1992.