

SPECIFICATION SHEET

Product Name: Cra c 6
Catalog # CC06-A35H

Product Description: Recombinant *Crangon crangon* allergen Cra c 6 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 : Crangon crangon troponin C, calcium-binding troponin C

Source : *Crangon crangon* (brown shrimp)

Accession Numbers : Genbank: [FJ462740](https://www.ncbi.nlm.nih.gov/nuclot/FJ462740)
 UniProt: [D7F1Q2](https://www.uniprot.org/uniprot/D7F1Q2)

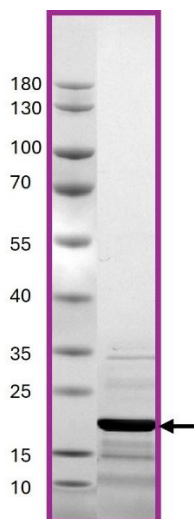
Host : *E. coli*

Formulation : Protein stored in 1X PBS, 5% trehalose solution

Molecular Weight : Calculated: 18.1 kDa
 Observed: ~18 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Bauermeister K, et al. Generation of a comprehensive panel of crustacean allergens from the North Sea Shrimp *Crangon crangon*. *Mol Immunol*. 2011 Sep;48(15-16):1983-92.
2. Grilo J, et al. Tropomyosin is no accurate marker allergen for diagnosis of shrimp allergy in Central Europe. *Allergy*. 2022 Jun;77(6):1921-1923.

Version: 1.0