190-13160 Vanier Pl, Richmond,
B. C., Canada, V6V 2J2
+ 1 778 326 0223
info@signalchemdx.com
www.signalchemdx.com

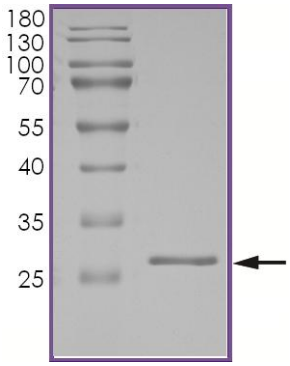
SPECIFICATION SHEET

Product Name: Cra c 8 — Catalog # CC08-A951H

Product Description: Recombinant *Crangon crangon* (North Sea shrimp) allergen Cra c 8 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	: Triosephosphate isomerase
Source	: *Crangon crangon* (North Sea shrimp)
Accession Numbers	: Genbank: FJ462738.1 UniProt: D7F100
Host	: *E. coli*
Formulation	: Recombinant protein stored in 1x PBS solution, 3% sucrose, 3% trehalose solution.
Molecular weight	: Calculated: 28.3 kDa Observed: ~28 kDa
Concentration	: 5.0 µg/µl
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. doi: 10.1016/j.molimm.2011.06.216. Epub 2011 Jul 23. PMID: 21784530.