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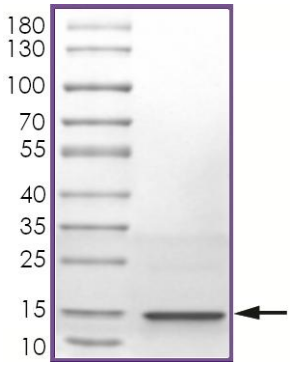
SPECIFICATION SHEET

Product Name: Gad m 1 — Catalog # GM01-A35H

Product Description: Recombinant *Gadus morhua* allergen, Gad m 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.

Data for a Sample Lot:

Alternate Names	: Parvalbumin
Source	: *Gadus morhua* (Atlantic cod)
Accession Numbers	: Genbank: AY035584 UniProt: Q90YL0
Host	: *E. coli*
Formulation	: Protein stored in 1x PBS, 5% trehalose solution
Molecular weight	: Calculated: 12.6 kDa Observed: ~15 kDa
Purity	: The purity was determined to be >95% by densitometry
Gel Image	

References

1. Van Do T, et al: The major allergen (parvalbumin) of codfish is encoded by at least two isotypic genes: cDNA cloning, expression and antibody binding of the recombinant allergens. Mol Immunol. Jan;39(10):595-602, 2003.
2. Sánchez, R, et al: The amyloid fold of Gad m 1 epitopes governs IgE binding. Sci Rep 6, 32801, 2016.