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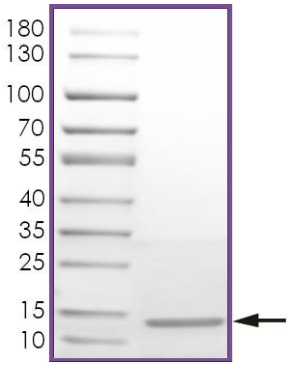
SPECIFICATION SHEET

Product Name: Cyp c 1 — Catalog # CC01-A35H

Product Description: Recombinant *Cyprinus carpio* allergen, Cyp c 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 diluted product into smaller quantities.

Data for a Sample Lot:

Alternate Names	: Parvalbumin, Cyp c 1.0101
Source	: *Cyprinus carpio* (Common carp)
Accession Numbers	: Genbank: AJ292211 UniProt: Q8UUS3
Host	: *E. coli*
Formulation	: Protein stored in 1x PBS, 5% trehalose solution
Molecular weight	: Calculated: 12.6 kDa Observed: ~13 kDa
Purity	: The purity was determined to be >95% by densitometry
Gel Image	

References

1. Swoboda I, et al: Recombinant carp parvalbumin, the major cross-reactive fish allergen: a tool for diagnosis and therapy of fish allergy. J Immunol. May 1;168(9):4576-84, 2002.
2. Gstoettner AC, et al: Antibodies induced by immunization with a hypoallergenic mutant of the major fish allergen Cyp c 1 inhibit allergic symptoms in a mouse model of fish allergy. Clin Transl Allergy. Jul 25;3(Suppl 3):022, 2013.