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

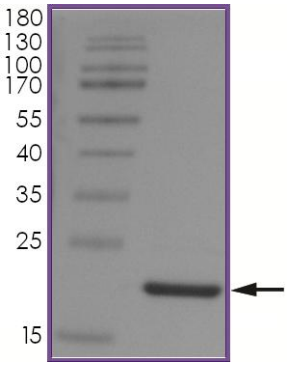
SPECIFICATION SHEET

Product Name: Mal d 1 — Catalog # MD01-A921H

Product Description: Recombinant *Malus domestica* allergen Mal d 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	: Major allergen Mal d 1, Allergen Mal d I, Mal d 1
Source	: *Malus domestica* (Apple)
Accession Numbers	: Genbank: X83672.1 UniProt: P43211
Host	: *E. coli*
Formulation	: Protein stored in 1x PBS, 5% sucrose solution
Molecular weight	: Calculated: 18.9 kDa Observed: ~18 kDa
Concentration	: 3.52 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

References

1. Vieths S, Schöning B, Petersen A. Characterization of the 18-kDa apple allergen by two-dimensional immunoblotting and microsequencing. Int Arch Allergy Immunol. 1994 Aug;104(4):399-404. doi: 10.1159/000236698. PMID: 7518715.