

Recombinant Apple Major allergen Mal d 1 Protein, His-SUMO-tagged

Cat. No. MALD1-1273A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Apple Major allergen Mal d 1 Protein (2-159aa) was expressed in E. coli with N-terminal His-SUMO-tag.
Species	Apple
Source	E.coli
ProteinLength	2-159 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	33.5 kDa
AA Sequence	GVYTFENEFTSEIPPSRLFKAFVLDADNLIPKIAPQAIKQAEILEGNGGPGTIKKITFGE GSQYGYVKHR IDSIDEASYSYSYTLIEGDALTDTIEKISYETKLVACGSGSTIKSISHYHTKGNIEIKEEH VKVGKEKAH GLFKLIESYLKDHPDAYN
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

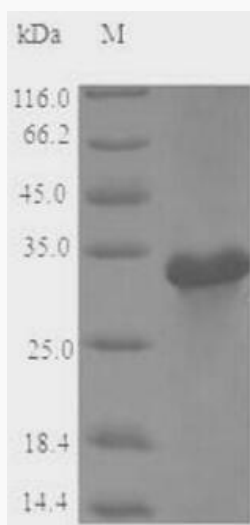
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GENE INFORMATION

Gene Name	LOC103425638 major allergen Mal d 1 [Malus domestica (apple)]
Official Symbol	major allergen Mal d 1
Synonyms	major allergen Mal d 1; Allergen Mal d I; Mal d 1; Allergen; Mal d 1-like; Mal d 1.01; Mal d 1.02; Mal d 1.0201; Mal d 1.0209; PR-10 protein; allergen Mal d 1.02; major allergen Mal d 1.02; major allergen d 1; putative Mal d 1.02 isoallergen
Gene ID	103425638
mRNA Refseq	NM_001294363.1
Protein Refseq	NP_001281292.1
UniProt ID	P43211



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