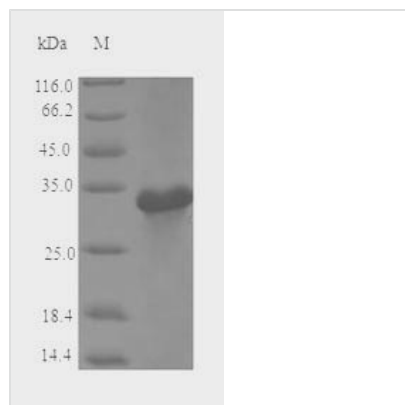




Recombinant Malus domestica Major allergen Mal d 1 (MALD1)

Product Code	CSB-EP331771MPS
Abbreviation	Recombinant Malus domestica MALD1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P43211
Alias	Allergen Mal d I Allergen: Mal d 1
Product Type	Recombinant Protein
Immunogen Species	Malus domestica (Apple) (Pyrus malus)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GVYTFENEFTSEIPPSRLFKAFVLDADNLIPKIAIPQAIKQAEILEGNNGPGTIKKIT FGEGSQYGYVKHRIDSIDEASYSYSYTLIEGDALTDIEKISYETKLVACGSGSTI KSISHYHTKGNIEIKEEHVKVGKEKAHGLFKLIESYLDHPDAYN
Research Area	Allergen
Source	E.coli
Target Names	MALD1
Expression Region	2-159aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	33.5kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.