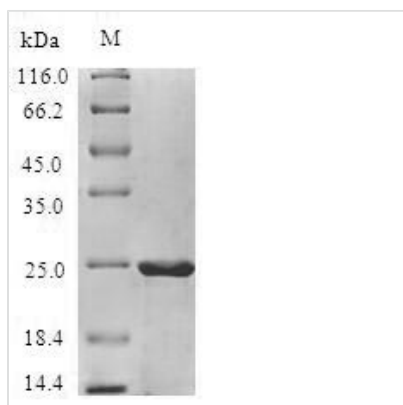




Recombinant Malus domestica Non-specific lipid-transfer protein (MALD3)

Product Code	CSB-EP862991MPS
Relevance	Plant non-specific lipid-transfer proteins transfer phospholipids as well as galactolipids across membranes. May play a role in wax or cutin deposition in the cell walls of expanding epidermal cells and certain secretory tissues (By similarity).
Abbreviation	Recombinant Malus domestica MALD3 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.	Q9M5X7
Alias	Allergen: Mal d 3
Product Type	Recombinant Protein
Immunogen Species	Malus domestica (Apple) (Pyrus malus)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ITCGQVTSSLAPCIGYVRSGGAVPPACCNIGRTINGLARTTADRQTACNCLKNL AGSISGVNPNNAAGLPGKCGVNVYPYKISTSTNCATVK
Research Area	Allergen
Source	E.coli
Target Names	MALD3
Expression Region	25-115aa
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	25.1kDa
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.