

Recombinant Apple MALD3 Protein (25-115 aa), His-SUMO-tagged

Cat. No. MALD3-1999A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Apple (<i>Malus domestica</i>) (<i>Pyrus malus</i>) MALD3 Protein (25-115 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Allergen. Protein Description: Full Length of Mature Protein.
Species	Apple
Source	E.coli
ProteinLength	25-115 aa
Description	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).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	25.1 kDa
AA Sequence	ITCGQVTSSLAPCIGYVRSGGAVPPACCNIGRTINGLARTTADRQTACNCLKNLAGSI SGVNPNNAAAGLPGKCGVNPYPYKISTSTNCATVK
Purity	> 90% as determined by SDS-PAGE.

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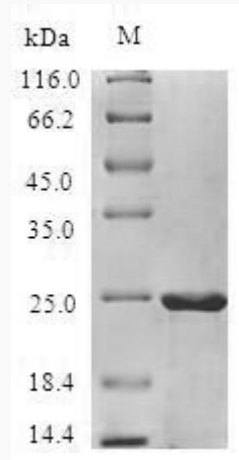
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms	MALD3; Allergen: Mal d 3;
UniProt ID	Q9M5X7



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

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