

# Recombinant Apple MALD1 Protein (2-159 aa), His-SUMO-tagged

**Cat. No.** MALD1-1992A    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Apple ( <i>Malus domestica</i> ) ( <i>Pyrus malus</i> ) MALD1 Protein (2-159 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. |
| <b>Species</b>          | Apple                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-159 aa                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 33.5 kDa                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | GVYTFENEFTSEIPPSRLFKAFVLDADNLIPIKQAIKQAEILEGNGGPGTIKKITFGE<br>GSQYGYVKHRIDSIDEASYSYSYTLIEGDALTDTIEKISYETKLVACGSGSTIKSISHYH<br>TKGNIEIKEEHVKVGKEKAHGLFKLIESYLDHPDAYN                                                                                                                |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                   |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                       |

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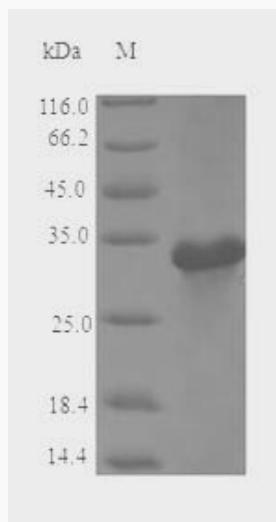
**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80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

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

**Synonyms** MALD1; Allergen Mal d I Allergen: Mal d 1;

**UniProt ID** [P43211](#)



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

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