

Recombinant Malus Domestica (Apple) Mal d 1 protein, His-tagged

Cat. No. Mald1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Malus Domestica (Apple) Mal d 1 protein with N-terminal His6 fusion tag was expressed in E. coli.
Species	Malus Domestica
Source	E.coli
ProteinLength	180
Description	MALD1 is a ribonuclease and a heat-sensitive allergen which is a member of the pathogenesis-related protein class. MALD1 shares homologous IgE epitopes with major birch pollen allergen Bet v 1 and Cor a 1 from hazelnut pollen.
Form	Buffered aqueous solution
Molecular Mass	19.7 kDa
AA Sequence	MGSSHHHHHSSGLVPRGSHMGVFNYETEFTSVIPAPRLFKAFLDGDNLIPKIAPQ AIKSTKIIEGDGGVGTIKKVTFGEGSQYGYVKQRVNGIDKDNFTYSYSMIEGDTLSDK LEKITYETKLIASPDGGSIIKTNSHYHAKGDVEIKEEHVKAGKEKASGLFKLLEAYLLAH SDAYN
Purity	>90% by SDS-PAGE

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Applications	1. Binds IgE type human antibodies. 2. Immunodot test with positive/negative sera panels.
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.52 mg/ml
Storage Buffer	Solution in 50 mM Tris, 0.3M NaCl, pH 8.0

GENE INFORMATION

Gene Name	Mal d1
Official Symbol	Mal d1
Synonyms	Major allergen Mal d 1, Ypr10 protein, MALD1, ypr10, Mal d 1.0108
Gene ID	103425641
mRNA Refseq	Z72427.1
Protein Refseq	CAA96536.1
UniProt ID	Q43551

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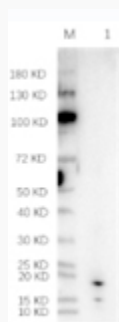
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SDS-PAGE



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