

Recombinant Malus Domestica (Apple) Mal d 4 protein, His-tagged

Cat. No. Mald4-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Malus Domestica (Apple) Mal d 4 protein with N-terminal His6 fusion tag was expressed in E. coli.
Species	Malus Domestica
Source	E.coli
ProteinLength	151
Description	Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG (By similarity).
Form	Buffered aqueous solution
Molecular Mass	16.1 kDa
AA Sequence	MGSSHHHHHSSGLVPRGSHMSWQAYVDDHLMCDIDGNRLTAAAILGQDGSVWS QSASFPAFKPEEIAAILKDFDQPGTLAPTGLFLGGTKYMVIQGEPGA VIRGKKGSGGI TIKKT SQALLIGIYDEPVT PGQCNIVVERLG DY LIEQGL
Purity	>90% by SDS-PAGE

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Applications	ELISA
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	0.62 mg/ml
Storage Buffer	Solution in 50mM Tris, 0.3 M NaCl, pH7.5

GENE INFORMATION

Gene Name	Mal d4
Official Symbol	Mal d4
Synonyms	MALD4
Gene ID	114826514
Protein Refseq	Q9XF42.1
UniProt ID	Q9XF42

SDS-PAGE

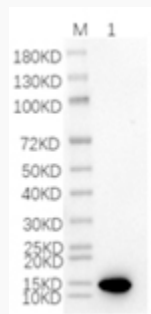


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