

Recombinant Full Length Human MDP1 Protein, GST-tagged

Cat. No. MDP1-6434HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGC5987 full-length ORF (NP_612485.2, 1 a.a. - 176 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	176 amino acids
Description	MDP1 (Magnesium Dependent Phosphatase 1) is a Protein Coding gene. GO annotations related to this gene include phosphatase activity and protein tyrosine phosphatase activity. An important paralog of this gene is NEDD8-MDP1.
Molecular Mass	46.5 kDa
AA Sequence	MARLPKLAVFDLDYTLWPFWVDTHVDPPFHKSSDGTVRDRRGQDVRLYPEVPEVL KRLQSLGVPGAAASRTSEIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQQKTGI PFSQMIFFDDERRNIVDVSKLGVTCIHQNGMNLQTLSQGLETFAKAQTGPLRSSLEE SPFEA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MDP1 magnesium dependent phosphatase 1 [Homo sapiens (human)]
Official Symbol	MDP1
Synonyms	MDP1; magnesium dependent phosphatase 1; MDP-1; FN6PASE; magnesium-dependent phosphatase 1; fructosamine-6-phosphatase; EC 3.1.3.48
Gene ID	145553
mRNA Refseq	NM_001199821
Protein Refseq	NP_001186750
UniProt ID	Q86V88

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