

Recombinant Human MDP1 Protein, GST-tagged

Cat. No. MDP1-5296H **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	Wheat Germ
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	MARLPKLAVFDLDYTLWPFWDTHVDPPFHKSSDGTVRDRRGQDVRLYPEVPEVL KRLQSLGVPGAAASRTSEIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQQKTGI PFSQMIFFDDERRNIVDVSKLGVTCIHQNGMNLQTLSQGLETFAKAQTGPLRSSLEE SPFEA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

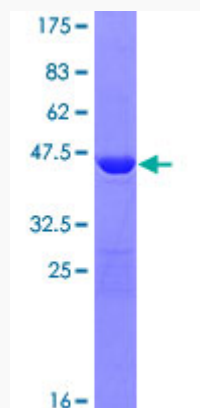
Gene ID 145553

mRNA Refseq NM_001199821

Protein Refseq NP_001186750

UniProt ID Q86V88

Quality Control Testing:



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12.5% SDS-PAGE Stained with Coomassie Blue.