

Product datasheet for **TP308609L**

MDP1 (NM_138476) Human Recombinant Protein

Product data:

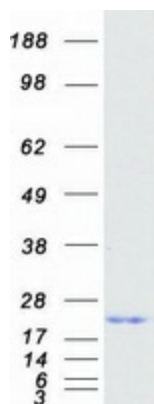
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human magnesium-dependent phosphatase 1 (MDP-1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208609 protein sequence Red =Cloning site Green =Tags(s)
	MARLPKLAVFDLDYTLWPFWVDTHVDPPFHKSSDGTVRDRRGQDVRLYPEVPEVLKRLQSLGVPGAAASR TSEIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQKQTGIPFSQMIFFDERRNIVDVS KLGVTCIH IQNGMNLQTL SQGLETFAKAQTGPLRSSLEESPFEA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	19.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_612485
Locus ID:	145553
UniProt ID:	Q86V88
RefSeq Size:	760



[View online »](#)

Cytogenetics:	14q12
RefSeq ORF:	528
Synonyms:	FN6PASE; MDP-1
Summary:	Magnesium-dependent phosphatase which may act as a tyrosine phosphatase. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MDP1 protein (Cat# [TP308609]). The protein was produced from HEK293T cells transfected with MDP1 cDNA clone (Cat# [RC208609]) using MegaTran 2.0 (Cat# [TT210002]).