

## Product datasheet for **TP308609**

### MDP1 (NM\_138476) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human magnesium-dependent phosphatase 1 (MDP-1), 20 µg

**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

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**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](#)

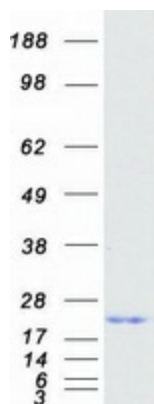
**RefSeq Size:** 760



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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]).