

**32-8401: Recombinant Human Magnesium-Dependent Phosphatase 1/MDP1 (C-6His)(Discontinued)**

**Gene :** MDP1  
**Gene ID :** 145553  
**Uniprot ID :** Q86V88

**Description**

Source: Human Cells.

MW :21.1kD.

Recombinant Human Magnesium-dependent phosphatase 1 is produced by our Mammalian expression system and the target gene encoding Met1-Ala176 is expressed with a 6His tag at the C-terminus. MDP1, which is short for magnesium-dependent phosphatase 1, is a 176 aa. protein. It has 3 forms by different alternative splicing. This protein belongs to the HAD-like hydrolase superfamily, and usually takes its function with Magnesium. It can be inhibited by vanadate and zinc, and slightly by calcium. MDP1 is a Magnesium-dependent phosphatase which may act as a tyrosine phosphatase.

**Product Info**

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl,150mM NaCl,10%Glycerol,pH7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MARLPKLAVFDLDYTLWPFWVDTHVDPFFHKSSDGTVRDRRGQDVRLYPEVPEVLKRLQSLGVPGAAASRTS  
EIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQKQTGIPFSQMIFFDDERRNIVDVS KLGVTCTIHIQNGMNLQT  
LSQGLETFKAQTGPLRSSLEESPFEAVDHHHHHH

**Application Note**

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.