

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 : MARLPKLAVFDLDYTLWPFWVDTHVDPPFHKSSDGTVRDRRGQDVRLYPEVPEVLKRLQSLGVP
GAAASRTSEIEGANQLLELFDLFRYFVHREIYPGSKITHFERLQQKTGIPFSQMIFFDDERRNIVDVS
KLGVTCTIHIQNGMNLQTLSSQGLETFKAQTGPLRSSLEESPFEAVDHHHHHH

Application Note

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