

Recombinant Human Magnesium-Dependent Phosphatase 1/MDP1 Protein(C-6His)

Cat.NO.: TP06101

3th Edition

Synonyms:Magnesium-dependent phosphatase 1;MDP-1;EC=3.1.3.48;

Description: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.

Form:PBS

Molecular Weight:21.1 kDa

Sequences:Met 1-Ala176

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.