

Product datasheet for **TP727158**

MDP1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Magnesium-Dependent Phosphatase 1/MDP1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Ala176
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	145553
UniProt ID:	Q86V88
Summary:	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.



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