

Recombinant Human PPM1D protein, His-tagged

Cat. No. PPM1D-2917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1D protein(254-423 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	254-423 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	NGPVRRSTVIDQIPFLAVARALGDLWSYDFFSGEFVVSPEPDTSVHTLDPQKHKYIIL GSDGLWNMIPQQDAISMCQDQEEKKYLMEHGQSCAKMLVNRALGRWRQRMRLRA DNTSAIVICISPEVDNQGNFTNEDELYLNLTDSPSYNSQETCVMTSPCSTPPVKSLE
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PPM1D protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1D [Homo sapiens]
Official Symbol	PPM1D
Synonyms	PPM1D; protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1D; protein phosphatase 1D magnesium dependent, delta isoform; protein phosphatase 1D; PP2C DELTA; protein phosphatase 2C; delta isoform; wild type p53 induced phosphatase 1; Wip1; protein phosphatase Wip1; wild-type p53-induced phosphatase 1; protein phosphatase 2C delta isoform; protein phosphatase magnesium-dependent 1 delta; protein phosphatase 1D magnesium-dependent, delta isoform; WIP1; PP2C-DELTA;
Gene ID	8493
mRNA Refseq	NM_003620
Protein Refseq	NP_003611
MIM	605100
UniProt ID	O15297

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