

Recombinant Human PPM1A protein, His-tagged

Cat. No. PPM1A-2543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1A protein(P35813-1)(Met1-Trp382), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Trp382
Form	Lyophilized from sterile PBS, 10% glycerol, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human PPM1A consisting of 392 amino acids and has a calculated molecular mass of 43.8 kDa. It migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	PPM1A protein phosphatase, Mg2+/Mn2+ dependent, 1A [Homo sapiens]
Official Symbol	PPM1A
Synonyms	PPM1A; protein phosphatase, Mg2+/Mn2+ dependent, 1A; protein phosphatase 1A (formerly 2C), magnesium dependent, alpha isoform; protein phosphatase 1A; MGC9201; phosphatase 2C alpha; PP2CA; PP2Calpha; protein phosphatase 2C; alpha isoform; protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform; PP2C-ALPHA; FLJ42306;
Gene ID	5494
mRNA Refseq	NM_021003
Protein Refseq	NP_066283
MIM	606108
UniProt ID	P35813

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