

## Recombinant Human PPM1A protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PPM1A protein(P35813-1)(Met1-Trp382), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Trp382
<b>Form</b>	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.
<b>Molecular Mass</b>	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.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

<b>Gene Name</b>	PPM1A protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent, 1A [ Homo sapiens ]
<b>Official Symbol</b>	PPM1A
<b>Synonyms</b>	PPM1A; protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> 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;
<b>Gene ID</b>	5494
<b>mRNA Refseq</b>	NM_021003
<b>Protein Refseq</b>	NP_066283
<b>MIM</b>	606108
<b>UniProt ID</b>	P35813

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