

Recombinant Full Length Human PPM1A protein, GST-tagged

Cat. No. PPM1A-3364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1A protein(P35813)(1-382aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-382aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.3 kDa
AA Sequence	GAFLDKPKMEKHNAQQGQGNGLRYGLSSMQGWVEMEDAHTAVIGLPSGLESWSF FAVYDGHAGSQVAKYCCEHLLDHITNNQDFKGSAGAPSVENVKNGIRTGFLEIDEH MRVMSEKKHGADRSGSTAVGVLISPQHTYFINGDSRGLLCRNRKVVHFFTQDHKPS NPLEKERIQNAGGSVMIQRVNGSLAVSRALGDFDYKCVHKGKPTQLVSPEPEVHD IERSEEDDQFIILACDGIWDVMGNEELCDFVRSRLEVTDDLEKVCNEVVDTCLYKGS RDNMSVILICFPNAPKVSPEAVKKEAELDKYLECRVEEIIKKQGEGVPDLVHVMRTLA SENIPSLPPGGELASKRNVIEAVYNRLNPNYKNDTDDTSTSTDDMW
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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