

Recombinant Human PPM1G protein, His-tagged

Cat. No. PPM1G-1151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1G protein(O15355)(Met 317-Asp 546) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	317-546 aa
Form	Lyophilized from sterile 50mM Tris, 1mM DTT, 20% glycerol, pH 7.5.
Molecular Mass	The recombinant human PPM1G comprises 241 amino acids and has a predicted molecular mass of 26.6 kDa. It migrates as an approximately 30 kDa band in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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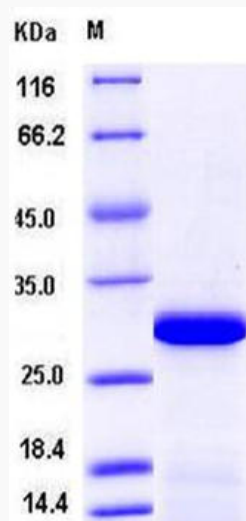
Gene Name	PPM1G protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1G [Homo sapiens]
Official Symbol	PPM1G
Synonyms	PPM1G; protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1G; protein phosphatase 1G (formerly 2C), magnesium dependent, gamma isoform; protein phosphatase 1G; PP2C; gamma; PP2CG; PP2Cgamma; protein phosphatase 2C; gamma isoform; PP2C-gamma; PP2C, gamma; protein phosphatase 1C; protein phosphatase 2C gamma isoform; protein phosphatase 2C isoform gamma; protein phosphatase magnesium-dependent 1 gamma; protein phosphatase 2, catalytic subunit, gamma isoform; protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform; PPP2CG; PP2CGAMMA; MGC1675; MGC2870;
Gene ID	5496
mRNA Refseq	NM_177983
Protein Refseq	NP_817092
MIM	605119
UniProt ID	O15355

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SDS-PAGE



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