

Recombinant Human PPM1G protein(Met317-Asp546), His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PPM1G (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 a.a.
Form	Lyophilized from sterile 50mM Tris, 1mM DTT, 20% glycerol, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	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

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

 Email: 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

Gene Name PPM1G protein phosphatase, Mg²⁺/Mn²⁺ dependent, 1G [Homo sapiens]

Official Symbol PPM1G

Synonyms

PPM1G; protein phosphatase, Mg²⁺/Mn²⁺ 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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