

Product Data Sheet

Recombinant Human PPM1G Protein

Catalog #	Source	Reactivity	Applications
CRP2140	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human PPM1G Protein is produced by E. coli expression system and the target gene encoding Met317-Asp546 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 25mM Tris-HCl, 1mM DTT, 1mM EDTA, 2mM β-ME, 20% Glycerol, pH 7.5.		
Gene Symbol	PPM1G		
Alternative Names	PPM1C; Protein phosphatase 1G; Protein phosphatase 1C; Protein phosphatase 2C isoform gamma; PP2C-gamma; Protein phosphatase magnesium-dependent 1 gamma		
Entrez Gene	5496 (Human)		
SwissProt	O15355 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	MEGKEEPGSD SGTAVVALI RGKQLIVANA GDSRCVVSEA GKALDMSYDH KPEDEVELAR IKNAGGKVTM DGRVNGGLNL SRAIGDHFYK RNKNLPPEEQ MISALPDIKV LTLTDDHEFM VIACDGIWNV MSSQEVVDFI QSKISQRDEN GELRLLSSIV EELLDQCLAP DTSGDGTGCD NMTCIIICFK PRNTAELQPE SGKRKLEEV LSTEGAEENG SDKKKKAKRD LEHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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