



Recombinant Mouse Protein phosphatase 1G (Ppm1g)

Product Code	CSB-MP726732MO
Abbreviation	Ppm1g
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q61074
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MGAYLSQPNT VKCSGDGVGA PRLPLPYGFS AMQGWRVSME DAHNCIPELD NETAMFSVYD GHGGEEVALY CAKYLPDIK DQKAYKEGKL QKALQDAFLA IDAKLTTEEV IKELAQIAGR PTEDEDDKDK VADEDDVDNE EAALLHEEAT MTIEELLTRY GQNCQKVPPH TKSGIGTGDE PGPQGLNGEA GPEDPSRETP SQENGPTAKG HTGFSSNSEH GTEAGQISEP GTATGEAGPS CSSASDKLPR VAKSKFFEDS EDESDEVEEEE EDDSEECSED EDGYSSEEEAE NEEDEDDETEE AEEDDDDEEMM VPGMEGKEEP GSDSGTTAVV ALIRGKQLIV ANAGDSRCVV SEAGKALDMS YDHKPEDEVE LARIKNAGGK VTMDGRVNGG LNLSRAIGDH FYKRKNLPP QEQMISALPD IKVLTLTDDH EFMVIACDGI WNMSSQEVV DFIQSKISQR DENGELRLLS SIVEELLDQC LAPDTSGDGT GCDNMTCTIII CFKPRNTVEL QAESGKRKLE EALSTEGAED TGNSDKKKAK RD
Source	Mammalian cell
Target Names	Ppm1g
Protein Names	Recommended name: Protein phosphatase 1G EC= 3.1.3.16 Alternative name(s): Fibroblast growth factor-inducible protein 13 Short name= FIN13 Protein phosphatase 1C Protein phosphatase 2C isoform gamma Short name= PP2C-ga
Expression Region	1-542
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the



formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression. Alternatively spliced transcript variants encoding the same protein have been described.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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