

Product datasheet for **AR09071PU-N**

Protein phosphatase 1G / PPM1G (317-546, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Protein phosphatase 1G / PPM1G (317-546, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MEGKEEPGSD SGTTAWALI RGKQLIVANA GDSRCVSEA GKALDMSYDH KPEDEVELAR IKNAGGKVTM DGRVNGGLNL SRAIGDHFYK RNKNLPPEEQ MISALPDIKV LTLTDDHEFM VIACDGIWNV MSSQEVVDFI QSKISQRDEN GELRLLSSIV EELLQCLAP DTSGDGTGCD NMTCIICFK PRNTAELQPE SGKRKLEEV L STEGAEENGN SDK K K K K A K R D
Tag:	His-tag
Predicted MW:	27 kDa
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 25 mM Tris pH 7.5, 1 mM DTT, 1 mM EDTA, 2 mM β -mercaptoethanol, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPM1G, fused to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_817092
Locus ID:	5496
UniProt ID:	O15355 , Q6IAU5
Cytogenetics:	2p23.3
Synonyms:	PP2CG; PP2CGAMMA; PPP2CG



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Summary:

The protein encoded by this gene 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. [provided by RefSeq, Apr 2010]

Protein Families:

Druggable Genome, Phosphatase

Product images: