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PPM1G, 317-546 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03497

第三版

别名:Protein phosphatase 1G, PP2CG, PPP2CG, PP2CGAMMA.

描述:PPM1G (Protein phosphatase 1G) is a member of the PP2C family of Serine/threonine protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. The human Ser/Thr phosphatase PPM1G promotes spliceosome assembly. This phosphatase is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome.

配方:Liquid. In 25 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT 2 mM EDTA, 2 mM β -mercaptoethanol, 20% glycerol

分子量:27 kDa (250 aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMEGKEEPGSDSGTTAVVALIRGKQLIVANAGDSRCVVSEAGKALDMSYDHKPEDEVEL
ARIKNAGGKVTMDGRVNGGLNLSRAIGDHFYKRKNLPPPEQMISALPDIKVLTLTDDHEFMVIACDGIWNVMSSQEVV
DFIQSKISQRDENGELRLLSSIVEELLDQCLAPDTSGDGTGCDNMTCIIICFKPRNTAELQPESGKRKLEEVVSTEGAEENGNS
DKKKKAKRD

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.