

Product datasheet for TP307144

PPM1K (NM_152542) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein phosphatase 1K (PP2C domain containing) (PPM1K), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207144 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSTAALITLVRSGGNQVRRRVLLSSRLLQDDRRVTPTCHSSTSEPRCSRFPDGGSGSPATWDNFGIWDNR IDEPILLPPSIKYGKPIPKISLEKVGCSQIGKRKENEDRFDAQLTDEVLYFAVDGHHGGPAAADFCHT HMEKCIDMLLPKEKNLETLTLAFLEIDKAFSSHARLSADATLLTSGTTATVALLRDGIELVVASVGDSR AILCRKKGKPMKLTIDHTPERKDEKERIKKCGGFVAWNSLGQPHVNGRLAMTRSIGDLDLKTSGVIAEPET KRIKLHHADDSFLVLTDDGINFMVNSQEICDFVNQCHDPNEAAHAVTEQAIQYGTEDNSTAVVVPFGAWG KYKNSEINFSSRSFASSGRWA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	40.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_689755</u>



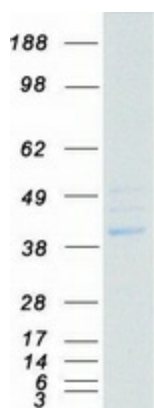
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Locus ID: 152926
UniProt ID: [Q8N3J5](#)
RefSeq Size: 6590
Cytogenetics: 4q22.1
RefSeq ORF: 1116
Synonyms: BDP; MSUDMV; PP2Ckappa; PP2Cm; PTMP; UG0882E07

Summary: This gene encodes a member of the PPM family of Mn²⁺/Mg²⁺-dependent protein phosphatases. The encoded protein, essential for cell survival and development, is targeted to the mitochondria where it plays a key role in regulation of the mitochondrial permeability transition pore. [provided by RefSeq, Sep 2012]

Protein Families: Phosphatase

Product images:



Coomassie blue staining of purified PPM1K protein (Cat# TP307144). The protein was produced from HEK293T cells transfected with PPM1K cDNA clone (Cat# [RC207144]) using MegaTran 2.0 (Cat# [TT210002]).