

## Product datasheet for PH307144

### PPM1K (NM\_152542) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PPM1K MS Standard C13 and N15-labeled recombinant protein (NP_689755)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207144
Predicted MW:	41 kDa
Protein Sequence:	>RC207144 protein sequence Red=Cloning site Green=Tags(s)
	MSTAALITLVRSGGNQVRRRVLLSSRLLQDDRRVTPTCHSSTSEPRCSRFPDGGSGPATWDFNGIWDNR IDEPILLPPSIKYGKPIPKISLEKVGCSAQIGKRKENEDRFDAQLTDEVLYFAVYDGHGGPAAADFCHT HMEKCIDMLLPKEKNLETLLTLAFLEIDKAFSSHARLSADATLLTSGTTATVALLRDGIELVVASVGDSR AILCRKGGKPMKLTIDHTPERKDEKERIKKCGGFVAWNSLGQPHVNGRLAMTRSIGDLDLKTSGVIAEPET KRIKLLHHADDSFLVLTDDGINFMVNSQEICDFVNQCHDPNEAAHAVTEQAIQYGTEDNSTAVVVPFGAWG KYKNSEINFSRSFASSGRWA
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_689755</a></u>
RefSeq Size:	6590
RefSeq ORF:	1116
Synonyms:	BDP; MSUDMV; PP2Ckappa; PP2Cm; PTMP; UG0882E07
Locus ID:	152926



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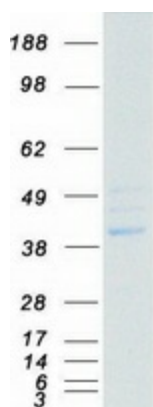
UniProt ID: [Q8N3J5](#)

Cytogenetics: 4q22.1

Summary: This gene encodes a member of the PPM family of Mn<sup>2+</sup>/Mg<sup>2+</sup>-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]).