

Product datasheet for PH317548

PPM1H (NM_020700) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPM1H MS Standard C13 and N15-labeled recombinant protein (NP_065751)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217548
Predicted MW:	56.3 kDa
Protein Sequence:	>RC217548 representing NM_020700 Red=Cloning site Green=Tags(s)

MLTRVKSAVANFMGGIMAGSSGSEHGGGSCGSDPLRFPYGRPEFLGLSQDEVECSADHIARPILILKE
TRRLPWATGYAEVINAGKSTHNEQASCEVLTVKKAGAVTSTPNRNSSKRRSSLPNGEGLQKENSESE
GVSCHYWSLFDGHAGSGAAVVASRLLQHHITEQLQDIVDILKNSAVLPPTCLGEEPENTPANSRTLTRAA
SLRGGVAGPSPSTPPTTRFFTEKKIPHECLVIGALESFAKEMDLQIERERSSYNISSGGCTALIVICLLGK
LYVANAGDSRAIIIRNGEIIIPMSSEFTPETERQRLQYLAFMQPHLLGNEFTHLEFPRRVQRKELGKKMLY
RDFNMTGWAYKTIEDEDLKFPLIYGEGKKARVMATIGVTRGLGDHDLKVHDSNIYIKPFLSSAPEVRIYD
LSKYDHGSDVLIATDGLWDVLSNEEVAEAITQFLPNCDDPHRYTLAAQDLVMRARGVLKDRGWRIS
NDRLGSGDDISVYVIPLIHGNKLS

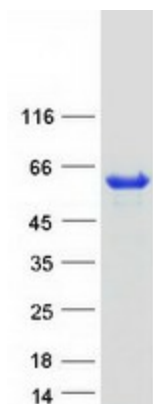
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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>NP_065751</u>
RefSeq Size:	6201
RefSeq ORF:	1542



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Synonyms:	ARHCL1; NERPP-2C; URCC2
Locus ID:	57460
UniProt ID:	Q9ULR3
Cytogenetics:	12q14.1-q14.2
Summary:	Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for proteasomal degradation. [UniProtKB/Swiss-Prot Function]
Protein Families:	Phosphatase

Product images:

Coomassie blue staining of purified PPM1H protein (Cat# [TP317548]). The protein was produced from HEK293T cells transfected with PPM1H cDNA clone (Cat# [RC217548]) using MegaTran 2.0 (Cat# [TT210002]).