Active Recombinant Full Length Human PPM1H Protein, C-Flag-tagged

Cat. No. PPM1H-456HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPM1H Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for proteasomal degradation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	In vitro phosphatase assay
Molecular Mass	56.3 kDa
AA Sequence	MLTRVKSAVANFMGGIMAGSSGSEHGGGSCGGSDLPLRFPYGRPEFLGLSQDEVE CSADHIARPILILKE TRRLPWATGYAEVINAGKSTHNEDQASCEVLTVKKKAGAVTST PNRNSSKRRSSLPNGEGLQLKENSESE GVSCHYWSLFDGHAGSGAAVVASRLLQ HHITEQLQDIVDILKNSAVLPPTCLGEEPENTPANSRTLTRAA SLRGGVGAPGSPST PPTRFFTEKKIPHECLVIGALESAFKEMDLQIERERSSYNISGGCTALIVICLLGK LYV ANAGDSRAIIIRNGEIIPMSSEFTPETERQRLQYLAFMQPHLLGNEFTHLEFPRRVQR KELGKKMLY RDFNMTGWAYKTIEDEDLKFPLIYGEGKKARVMATIGVTRGLGDHDL KVHDSNIYIKPFLSSAPEVRIYD LSKYDHGSDDVLILATDGLWDVLSNEEVAEAITQFL

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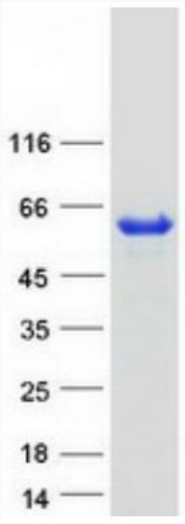
	PNCDPDDPHRYTLAAQDLVMRARGVLKDRGWRIS NDRLGSGDDISVYVIPLIHGNKLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Phosphatase
Full Length	Full L.

GENE INFORMATION

Gene Name	PPM1H protein phosphatase, Mg2+/Mn2+ dependent 1H [Homo sapiens (human)]
Official Symbol	PPM1H
Synonyms	URCC2; ARHCL1; NERPP-2C
Gene ID	57460
mRNA Refseq	NM_020700.2

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Protein Refseq	NP_065751.1
MIM	616016
UniProt ID	Q9ULR3



Coomassie blue staining of purified PPM1H protein.

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