

Recombinant Human PPM1H Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPM1H-1507H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPM1H MS Standard C13 and N15-labeled recombinant protein (NP_065751) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PPM1H (Protein Phosphatase, Mg ²⁺ /Mn ²⁺ Dependent 1H) is a Protein Coding gene. Diseases associated with PPM1H include Multiple Endocrine Neoplasia, Type Iv and Attention Deficit-Hyperactivity Disorder. Gene Ontology (GO) annotations related to this gene include phosphoprotein phosphatase activity. An important paralog of this gene is PPM1J.
Molecular Mass	56.3 kDa
AA Sequence	MLTRVKSAVANFMGGIMAGSSGSEHGGGSCGGSDLPLRFPYGRPEFLGLSQDEVE CSADHIARPILILKETRRLPWATGYAEVINAGKSTHNEQASCEVLTVKKKAGAVTST PNRNSSKRRSSLPNGEGLQLKENSESEGVSCHYWSLFDGHAGSGAAVVASRLLQH HITEQLQDIVDILKNSAVLPPTCLGEEPENTPANSRTLTRAASLRGGVGAPGSPSTPP TRFFTEKKIPHECLVIGALESFAKEMDLQIERERSSYNISGGCTALIVICLLGKLYVANA GDSRAIIIRNGEIIPMSSEFTPETERQRLQYLAFMQPHLLGNEFTHLEFPRRVQRKEL GKKMLYRDFNMTGWAYKTIEDLKFPLIYGEGKKARVMATIGVTRGLGDHDLKVH DSNIYIKPFLSSAPEVRIYDLSKYDHGSDDVLILATDGLWDVLSNEEVAEAITQFLPNC

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	DPDDPHRYTLAAQDLVMRARGVLKDRGWRISNDRLGSGDDISVYVIPLIHGNKLSTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPM1H protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1H [Homo sapiens (human)]
Official Symbol	PPM1H
Synonyms	PPM1H; protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1H; ARHCL1, protein phosphatase 1H (PP2C domain containing), ras homolog gene family, member C like 1; protein phosphatase 1H; FLJ13253; KIAA1157; NERPP 2C; neurite extension related protein phosphatase related to PP2C; ras homolog gene family, member C like 1; protein phosphatase 1H (PP2C domain containing); neurite extension-related protein phosphatase related to PP2C; URCC2; ARHCL1; NERPP-2C;
Gene ID	57460
mRNA Refseq	NM_020700

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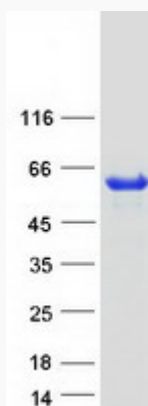
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Protein Refseq NP_065751

MIM 616016

UniProt ID Q9ULR3

SDS-PAGE



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