

Recombinant Human PPM1L protein, His-tagged

Cat. No. PPM1L-80H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPM1L, fused with N-His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	196aa(including fusion tag)
Description	PPM1L, or PP2CE, belongs to the PP2C group of serine/threonine phosphatases, which are distinguished from other phosphatases by their structure, absolute requirement for Mg(2+) or Mn(2+), and insensitivity to okadaic acid. PP2C sregulate stress-activated protein kinase (SAPK; see MIM 601158) signaling cascades that respond to extra cellularstimuli.
Form	20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0.
Molecular Mass	22.2kDa(including fusion tag)
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80centigrade and avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	PPM1L protein phosphatase, Mg2+/Mn2+ dependent, 1L [Homo sapiens]
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Official Symbol	PPM1L
Synonyms	PPM1L; protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1L; protein phosphatase 1 (formerly 2C) like; protein phosphatase 1L; PP2CE; PP2Cepsilon; Protein phosphatase 2C epsilon isoform; PP2C epsilon; protein phosphatase 2C isoform epsilon; PPM1-LIKE; PP2C-epsilon; MGC132545; MGC132547;
Gene ID	151742
mRNA Refseq	NM_139245
Protein Refseq	NP_640338
MIM	611931
UniProt ID	Q5SGD2
Chromosome Location	3q26.1
Pathway	Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid de novo biosynthesis, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem;
Function	hydrolase activity; metal ion binding; protein serine/threonine phosphatase activity;