

Recombinant Human PPM1L 293 Cell Lysate

Cat. No. PPM1L-2956HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for protein phosphatase 1 (formerly 2C)-like (PPM1L) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PPM1L protein phosphatase, Mg²⁺/Mn²⁺ dependent, 1L [Homo sapiens]

Official Symbol

PPM1L

Synonyms

PPM1L; protein phosphatase, Mg²⁺/Mn²⁺ 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;

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Function

hydrolase activity; metal ion binding; protein serine/threonine phosphatase activity;

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