

Recombinant Human PPM1L 293 Cell Lysate

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

SPECIFICATION

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.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	PPM1L protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1L [Homo sapiens]
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;

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