

Product datasheet for TP318909L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

PPM1L (NM_139245) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human protein phosphatase 1 (formerly 2C)-like (PPM1L), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC218909 representing NM_139245 or AA Sequence: Red=Cloning site Green=Tags(s)

MIEDTMTLLSLLGRIMRYFLLRPETLFLLCISLALWSYFFHTDEVKTIVKSSRDAVKMVKGKVAEIMQND RLGGLDVLEAEFSKTWEFKNHNVAVYSIQGRRDHMEDRFEVLTDLANKTHPSIFGIFDGHGGETAAEYVK SRLPEALKQHLQDYEKDKENSVLSYQTILEQQILSIDREMLEKLTVSYDEAGTTCLIALLSDKDLTVANV GDSRGVLCDKDGNAIPLSHDHKPYQLKERKRIKRAGGFISFNGSWRVQGILAMSRSLGDYPLKNLNVVIP DPDILTFDLDKLQPEFMILASDGLWDAFSNEEAVRFIKERLDEPHFGAKSIVLQSFYRGCPDNITVMVVK

FRNSSKTEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 40.9 kDa

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: <u>NP 640338</u>

Locus ID: 151742



UniProt ID: Q5SGD2

RefSeq Size: 3056

Cytogenetics: 3q25.33-q26.1

RefSeq ORF: 1080

Synonyms: PP2C-epsilon; PP2CE; PPM1-LIKE

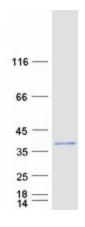
Summary: The protein encoded by this gene is a magnesium or manganese-requiring phosphatase that

is involved in several signaling pathways. The encoded protein downregulates apoptosis signal-regulating kinase 1, a protein that initiates a signaling cascade that leads to apoptosis when cells are subjected to cytotoxic stresses. This protein also is an endoplasmic reticulum transmembrane protein that helps regulate ceramide transport from the endoplasmic reticulum to the Golgi apparatus. Finally, this gene may be involved in adiposity since it is upregulated in adipose tissues. Several transcript variants encoding different isoforms have

been found for this gene. [provided by RefSeq, Dec 2015]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified PPM1L protein (Cat# [TP318909]). The protein was produced from HEK293T cells transfected with PPM1L cDNA clone (Cat# [RC218909]) using MegaTran 2.0 (Cat# [TT210002]).