

Product datasheet for PH318909

OriGene Technologies, Inc.

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PPM1L (NM 139245) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: PPM1L MS Standard C13 and N15-labeled recombinant protein (NP_640338)

Species: Human
Expression Host: HEK293

Expression cDNA Clone

or AA Sequence:

RC218909

Predicted MW: 40.9 kDa

Protein Sequence: >RC218909 representing NM_139245

Red=Cloning site Green=Tags(s)

MIEDTMTLLSLLGRIMRYFLLRPETLFLLCISLALWSYFFHTDEVKTIVKSSRDAVKMVKGKVAEIMQND RLGGLDVLEAEFSKTWEFKNHNVAVYSIQGRRDHMEDRFEVLTDLANKTHPSIFGIFDGHGGETAAEYVK SRLPEALKQHLQDYEKDKENSVLSYQTILEQQILSIDREMLEKLTVSYDEAGTTCLIALLSDKDLTVANV GDSRGVLCDKDGNAIPLSHDHKPYQLKERKRIKRAGGFISFNGSWRVQGILAMSRSLGDYPLKNLNVVIP DPDILTFDLDKLQPEFMILASDGLWDAFSNEEAVRFIKERLDEPHFGAKSIVLQSFYRGCPDNITVMVVK

FRNSSKTEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

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

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

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

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 640338

RefSeq Size: 3056 RefSeq ORF: 1080

Synonyms: PP2C-epsilon; PP2CE; PPM1-LIKE

Locus ID: 151742



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UniProt ID: Q5SGD2

Cytogenetics: 3q25.33-q26.1

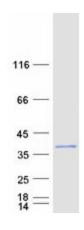
Summary: The protein encoded by this gene is a magnesium or manganese-requiring phosphatase that

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]).