

Recombinant Human PPAP2C Protein, His&GST-tagged

Cat. No. PPAP2C-1959H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPAP2C Protein (Met1-Leu162) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu162
Description	The protein encoded by this gene is a member of the phosphatidic acid phosphatase (PAP) family. PAPs convert phosphatidic acid to diacylglycerol, and function in de novo synthesis of glycerolipids as well as in receptor-activated signal transduction mediated by phospholipase D. This protein is similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.1 kDa Accurate Molecular Mass: 48 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PPAP2C phosphatidic acid phosphatase type 2C [Homo sapiens (human)]
Official Symbol	PPAP2C
Synonyms	PPAP2C; phosphatidic acid phosphatase type 2C; lipid phosphate phosphohydrolase 2; LPP2; PAP 2c; PAP2c; PAP2-gamma; phosphatidic acid phosphatase 2c; phosphatidate phosphohydrolase type 2c; phosphatidic acid phosphohydrolase type 2c; type-2 phosphatidic acid phosphatase-gamma; PAP-2c; PAP2-g;
Gene ID	8612
mRNA Refseq	NM_003712
Protein Refseq	NP_003703

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MIM	607126
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UniProt ID	O43688
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