

Recombinant Human PLPP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PLPP3-590H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPAP2B MS Standard C13 and N15-labeled recombinant protein (NP_003704) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 a membrane glycoprotein localized at the cell plasma membrane. It has been shown to actively hydrolyze extracellular lysophosphatidic acid and short-chain phosphatidic acid. The expression of this gene is found to be enhanced by epidermal growth factor in Hela cells.
Molecular Mass	35.1 kDa
AA Sequence	MQNYKYDKAIVPESKNGGSPALNNNPRRSGSKRVLLICLDLFLFMAGLPFLIETSTI KPYHRGFYCNDESIKYPLKTGETINDAVLCAVGIVAILAITGEFYRIYYLKKSRSTIQN PYVAALYKQVGCFLFGCAISQSFTDIKVSIGRLRPHFLSVCNPDFSQINCSEGYIQN YRCRGDDSKVQEARKSFFSGHASFSMYTMLYLVLYLQARFTWRGARLLRPLLQFTL IMMAFYTGLSRVSDHKHHPDVLGFAQGALVACCIVFFVSDLFKTKMTLSLPAPAIR KEILSPVDIIDRNNHHNMMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PLPP3 phospholipid phosphatase 3 [Homo sapiens (human)]
Official Symbol	PLPP3
Synonyms	PLPP3; phospholipid phosphatase 3; LPP3; VCIP; Dri42; PAP2B; PPAP2B; phospholipid phosphatase 3; PAP2 beta; lipid phosphate phosphohydrolase 3; phosphatidate phosphohydrolase type 2b; phosphatidic acid phosphatase type 2B; type-2 phosphatidic acid phosphatase-beta; vascular endothelial growth factor and type I collagen inducible; EC 3.1.3.4
Gene ID	8613
mRNA Refseq	NM_003713
Protein Refseq	NP_003704
MIM	607125

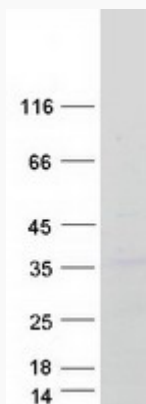
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UniProt ID

O14495

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