

Recombinant Full Length Human PPAP2B Protein, GST-tagged

Cat. No. PPAP2B-386HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPAP2B(1 a.a. - 311 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	311 amino acids
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	59.95 kDa
AA Sequence	MQNYKYDKAI VPESKNGGSP ALNNNPRRSG SKRVLLICLD LFCLFMAGLP FLIETSTIK PYHRGFYCND ESIKYPLKTG ETINDAVLCA VGIVAILAI ITGEFYRIYY LKKSIRSTIQN PYVAALYKQV GCFLFGCAIS QSFTDIAKVS IGRLRPHFLS VCNPDFSQIN CSEGYIQNYR CRGDDSKVQE ARKSFFSGHA SFSMYTMLYL VLYLQARFTW RGARLLRPLL QFTLIMMAFY TGLSRVSDHK HHPSDVLAGF AQGALVACCI VFFVSDLFKT KMTLSLPAPA IRKEILSPVD IIDRNNHHNM M

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Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	PPAP2B phosphatidic acid phosphatase type 2B [Homo sapiens]
Official Symbol	PPAP2B
Synonyms	PPAP2B; LPP3; VCIP; Dri42; PAP2B; phosphatidic acid phosphatase type 2B; lipid phosphate phosphohydrolase 3; PAP2 beta; phosphatidate phosphohydrolase type 2b; type-2 phosphatidic acid phosphatase-beta; vascular endothelial growth factor and type I collagen inducible
Gene ID	8613
mRNA Refseq	NM_003713
Protein Refseq	NP_003704
MIM	607125
UniProt ID	O14495

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