

Product Information

MemDX™ Membrane Protein Human PLPP3 (Phospholipid phosphatase 3) Full Length

Cat. No.: **MPC4054K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human PLPP3 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

PLPP3

Protein Length

Full length

Protein Class

Receptor

TMD

6

Sequence

MQNYKYDKAIVPESKNGGSPALNNNPRRSGSKRVLLICLDFCLFMAGLP
FLIETSTIKPYHRGYCNDSEIKYPLKTGETINDAVLCAVGIVIAILAI
ITGEFYRIYYLKKSRSTIQNPYVAALYKQVGCFLFGCAISQSFTDIKVS
IGRLRPHFSLVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHA
SFSMYTMLYLVLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHK
HHPSDVLAGFAQGALVACCIVFFVSDLFKTKTTLSPAPAIRKEILSPVD
IIDRNNHHNMM

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PLPP3

Full Name

Phospholipid phosphatase 3

Introduction

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.

Alternative Names

PLPP3; LPP3; VCIP; Dri42; PAP2B; PPAP2B; 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; Phospholipid phosphatase 3

Gene ID

[8613](#)

UniProt ID

[O14495](#)