

Product Information

MemDX™ Membrane Protein Human PLPP3 (Phospholipid phosphatase 3) for Antibody

Discovery

Cat. No.: **MP0886J**

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

This product is a 34.9 kDa Human PLPP3 membrane protein expressed in HEK293T. 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

Druggable Genome, Transmembrane

Molecular Weight

34.9 kDa

TMD

6

Sequence

MQNYKYDKAIVPESKNGGSPALNNNPRRSGSKRVLLICLDLFCFLMAGLPFLIETSTIKPYHRGFYCND
ESIKYPLKTGETINDAVLCAVGIVIAILAITGEFYRIYYLKKSRSTIQNPYVAALYKQVGCFLFGCAIS
QSFTDIKVSIGRLRPHFLSVCNPDFSQINCSEGYIQNYRCRGDDSKVQEARKSFFSGHASFSMYTMLYL
VLYLQARFTWRGARLLRPLLQFTLIMMAFYTGLSRVSDHKHHPSDVLGFAQGALVACCIVFFVSDLFKT
KMTLSLPAPAIRKEILSPVDIIDRNNHHNMM

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

LPP3; VCIP; Dri42; PAP2B; PPAP2B

Gene ID

[8613](#)

UniProt ID

[O14495](#)