

Product Information

MemDX™ Membrane Protein Human PLPP3 (Phospholipid phosphatase 3) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2705K**

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

This product is a Human PLPP3 membrane protein expressed *in vitro* E.coli expression system. 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

MQNYKYDKAIVPESKNGGSPALNNNPRRSGSKRVLLICLDLFCLFMAGLPFLIETSTIKPYHRGFYCNDSEIKYPLKTGETINDAVLC

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°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](#)