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Product Information

MemDX™ Membrane Protein Human PLPP2 (Phospholipid phosphatase 2) Expressed *in vitro E.coli* expression system, Full Length

Cat. No.: **MPX2673K**
This product is for research use only and is not intended for diagnostic use.

This product is a Human PLPP2 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
PLPP2

Protein Length
Full Length

Protein Class
Receptor

TMD
6

Sequence
MQRRWVFVLLDVLCLLVASLPFAILTLVNAPYKRGFYCGDDSIRYPYRPDTITHGLMAGVTITATVILVSAGEAYLVYTDRLYSRSDFN

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

PLPP2

Full Name

Phospholipid phosphatase 2

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 similar to phosphatidic acid phosphatase type 2A (PPAP2A) and type 2B (PPAP2B). All three proteins contain 6 transmembrane regions, and a consensus N-glycosylation site. This protein has been shown to possess membrane associated PAP activity. Three alternatively spliced transcript variants encoding distinct isoforms have been reported.

Alternative Names

PLPP2; LPP2; PAP-2c; PAP2-g; PPAP2C; PAP2-gamma; PAP2c; lipid phosphate phosphohydrolase 2; phosphatidate phosphohydrolase type 2c; phosphatidic acid phosphatase 2c; phosphatidic acid phosphatase type 2C; phosphatidic acid phosphohydrolase type 2c; type-2 phosphatidic acid phosphatase-gamma; Phospholipid phosphatase 2

Gene ID

8612

UniProt ID

O43688