

Product Information

MemDX™ Membrane Protein Human PLPPR3 (Phospholipid phosphatase related 3)

Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX2861K**

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

This product is a Human PLPPR3 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

PLPPR3

Protein Length

Full Length

Protein Class

Receptor

TMD

6

Sequence

MISTKEKNKIPKDSMTLLPCFYFVELPIVASSIVSLYFLELTDLFKPAKVGFGQCYDRTLSPYVETNEELIPLLMLLSLAFAAPAASIMVA

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

PLPPR3

Full Name

Phospholipid phosphatase related 3

Introduction

The proteins in the lipid phosphate phosphatase (LPP) family, including PRG2, are integral membrane proteins that modulate bioactive lipid phosphates including phosphatidate, lysophosphatidate, and sphingosine-1-phosphate in the context of cell migration, neurite retraction, and mitogenesis.

Alternative Names

PLPPR3; LPR3; PRG2; LPPR3; PRG-2; phospholipid phosphatase-related protein type 3; PAP-2-like protein 2; lipid phosphate phosphatase-related protein type 3; plasticity-related gene 2 protein; Phospholipid phosphatase related 3

Gene ID

[79948](#)

UniProt ID

[Q6T4P5](#)