

Product Information

MemDX™ Membrane Protein Human LPAR3 (Lysophosphatidic acid receptor 3) Expressed in *E.coli* with 10xHis tag at the N-terminus, Myc tag at the C-terminus for Antibody Discovery, Partial (298-353aa)

Cat. No.: **MPX4125K**

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

This product is a 11.3 kDa Human LPAR3 membrane protein expressed in *E.coli*. 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

LPAR3

Protein Length

Partial (298-353aa)

Protein Class

GPCR

Molecular Weight

11.3 kDa

TMD

7

Sequence

EDMYGTMKKMICCFSQENPERRPSRIPSTVLSRSDTGSQYIEDSISQGAVCNKSTS

Product Description

Expression Systems

E.coli

Tag

10xHis tag at the N-terminus, Myc tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE.

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**

LPAR3

Full Name

Lysophosphatidic acid receptor 3

Introduction

This gene encodes a member of the G protein-coupled receptor family, as well as the EDG family of proteins. This protein functions as a cellular receptor for lysophosphatidic acid and mediates lysophosphatidic acid-evoked calcium mobilization. This receptor couples predominantly to G(q/11) alpha proteins.

Alternative Names

EDG7; GPCR; LPA3; Edg-7; LP-A3; HOFNH30; RP4-678I3; LPA receptor 3; LPA receptor EDG7; LPA-3; calcium-mobilizing lysophosphatidic acid receptor LP-A3; endothelial cell differentiation gene 7; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 7; lysophosphatidic acid receptor Edg-7; LPAR3; Lysophosphatidic acid receptor 3

Gene ID

[23566](#)

UniProt ID

[Q9UBY5](#)