

Product Information

MemDX™ Membrane Protein Human LPAR3 (Lysophosphatidic acid receptor 3) for Antibody Discovery

Cat. No.: **MP0315X**

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

This product is a 66.5 kDa Human LPAR3 membrane protein expressed in *in vitro* wheat germ 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

LPAR3

Protein Length

Full-length

Molecular Weight

66.5 kDa

TMD

7

Sequence

MNECHYDKHMDFFYNRSNTDTVDDWTGTLVIVLCVGTFFCLFIFFSNSLVIAAVIKNRKFHFPPFYLLANLAAADFFAGIAYVFLMFN

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

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; Edg-7; FLJ98231; GPCR; HOFNH30; LP-A3; LPA3; RP4-678I3; LPA receptor EDG7; OTTHUMP00000011573; calcium-mobilizing lysophosphatidic acid receptor LP-A3; endothelial cell differentiation gene 7; endothelial differentiation; lysophosphatidic acid G-protein-coupled receptor, 7

Gene ID

[23566](#)

UniProt ID

[Q9UBY5](#)