

Product Information

MemDX™ Membrane Protein Human LPAR2 (Lysophosphatidic acid receptor 2 expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0648X**

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

This product is a 39.1 kDa Human LPAR2 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

LPAR2

Protein Length

Full-length

Molecular Weight

39.1 kDa

TMD

7

Sequence

MVIMGQCYYNETIGFFYNNSGKELSSHWPKDVVVVALGLTVSVLVLLTNLLVIAAIASNRRFHQPIYYLLGNLAAADLFAGVAYLFLM

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

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

Target**Target Protein**

LPAR2

Full Name

Lysophosphatidic acid receptor 2

Introduction

This gene encodes a member of family I of the G protein-coupled receptors, as well as the EDG family of proteins. This protein functions as a lysophosphatidic acid (LPA) receptor and contributes to Ca²⁺ mobilization, a critical cellular response to LPA in cells, through association with Gi and Gq proteins. An alternative splice variant has been described but its full length sequence has not been determined

Alternative Names

EDG4; LPA2; EDG-4; LPA-2

Gene ID

[9170](#)

UniProt ID

[Q9HBW0](#)