

Product Information

MemDX™ Membrane Protein Human LPAR5 (lysophosphatidic acid receptor 5) for Antibody

Discovery

Cat. No.: **MP0477X**

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

This product is a 66.66 kDa Human LPAR5 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

LPAR5

Protein Length

Full-length

Molecular Weight

66.66 kDa

TMD

7

Sequence

MLANSSSTNSSVLPCPDYRPTHLHLVVYSLVLAAGLPLNALALWVFLRALRVHSVSVYMCNLAASDLLFTLSLPVRLSYALHHW

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**

LPAR5

Full Name

lysophosphatidic acid receptor 5

Introduction

This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described

Alternative Names

LPA5; GPR92; GPR93; KPG_010

Gene ID

[57121](#)

UniProt ID

[Q9H1C0](#)