

Product Information

MemDX™ Membrane Protein Human LPAR5 (Lysophosphatidic acid receptor 5) Full Length

Cat. No.: **MPC0284K**

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

This product is a 41.3 kDa Human LPAR5 membrane protein expressed in Baculovirus/Insect 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

Protein Class

GPCR

Molecular Weight

41.3 kDa

TMD

7

Sequence

MLANSSSTNSSVLPCPDYRPTHRLHLVVYSLVLAAGLPLNALALWVFLRA
LRVHSVSVYMCNLAASDLLFTLSLPVRLSYALHHWPFPDLLCQTTGAI
FQMNMYGSCIFLMLINVDRYAAIVHPLRLRHLRRPRVARLLCLGVWALIL
VFAVPAARVHRPSRCRYRDLEVRLCFESFSDELWKGRLPLVLLAEALGF
LLPLAAVVYSSGRVFWTLARPDATQSQRRTKTVRLLLANLVIFLLCFVPY
NSTLAVYGLLRSKLVAASVPARDRVRGVLMVMVLLAGANCVLDPLVYYFS
AEGFRNTLRGLGTPHRARTSATNGTRAALAQSERSAVTTDATRPDAASQG
LLRPDSHSLSSFTQCPQDSAL

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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**

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; G protein-coupled receptor 92; G-protein coupled receptor 93; LPA receptor 5; LPA-5; LPAR5; Lysophosphatidic acid receptor 5

Gene ID

[57121](#)

UniProt ID

[Q9H1C0](#)