

Product Information

MemDX™ Membrane Protein Human LPAR6 (Lysophosphatidic acid receptor 6) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3396K**

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

This product is a Human LPAR6 membrane protein expressed *in vitro* E.coli 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

LPAR6

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MVSVNSSHC FYNDSFKYTLYGCMFSMV FVLGLISNCVAIYIFICVLKVRNETTTYMINLAMSDLLFVFTLPFRIFYFTTRNWPFGDLLC

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

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

LPAR6

Full Name

Lysophosphatidic acid receptor 6

Introduction

The protein encoded by this gene belongs to the family of G-protein coupled receptors, that are preferentially activated by adenosine and uridine nucleotides. This gene aligns with an internal intron of the retinoblastoma susceptibility gene in the reverse orientation. Alternative splicing results in multiple transcript variants.

Alternative Names

LPAR6; LAH3; P2Y5; ARWH1; HYPT8; LPA-6; P2RY5; G-protein coupled purinergic receptor P2Y5; LPA receptor 6; P2Y purinoceptor 5; RB intron encoded G-protein coupled receptor; oleoyl-L-alpha-lysophosphatidic acid receptor; purinergic receptor 5; purinergic receptor P2Y G protein-coupled protein 5; purinergic receptor P2Y, G-protein coupled, 5; Lysophosphatidic acid receptor 6

Gene ID

[10161](#)

UniProt ID

[P43657](#)