

Product Information

NativeExtract™ Human LPAR3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX177**

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

This product is recombinant Human LPAR3 protein in native nanodisc form. The synthetic compound we developed can solubilize the LPAR3 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

LPAR3

Protein Length

Full length

Molecular Weight

40.1kDa

Sequence

Accession # [Q9UBY5](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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; GPCR; LPA3; Edg-7; LP-A3; HOFNH30; RP4-678I3; LPA receptor 3; LPA receptor EDG7; LPA-3; calcium-mobilizing lysophosphatidic acid receptor LP-A3; endothelial cell differentiation gene 7; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 7; lysophosphatidic acid receptor Edg-7; LPAR3; Lysophosphatidic acid receptor 3

Gene ID

[23566](#)

UniProt ID

[Q9UBY5](#)