

Product Information

NativeExtract™ Human LPAR5 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX175**

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

This product is recombinant Human LPAR5 protein in native nanodisc form. The synthetic compound we developed can solubilize the LPAR5 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

LPAR5

Protein Length

Full length

Molecular Weight

41.3kDa

Sequence

Accession # [Q9H1C0](#)

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**

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](#)