

Product Information

NativeExtract™ Human S1PR3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX51**

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

This product is recombinant Human S1PR3 protein in native nanodisc form. The synthetic compound we developed can solubilize the S1PR3 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

S1PR3

Protein Length

Full length

Molecular Weight

42.3kDa

Sequence

Accession # [Q99500](#)

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**

S1PR3

Full Name

Sphingosine-1-phosphate receptor 3

Introduction

This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function.

Alternative Names

EDG3; LPB3; S1P3; EDG-3; G protein-coupled receptor, endothelial differentiation gene-3; S1P receptor 3; S1P receptor EDG3; S1P receptor Edg-3; endothelial differentiation G-protein coupled receptor 3; endothelial differentiation, sphingolipid G-protein-coupled receptor, 3; sphingosine 1-phosphate receptor Edg-3; S1PR3; Sphingosine-1-phosphate receptor 3

Gene ID

[1903](#)

UniProt ID

[Q99500](#)