

Product Information

MemDX™ Membrane Protein Human S1PR3 (Sphingosine-1-phosphate receptor 3) Full

Length

Cat. No.: **MPC0239K**

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

This product is a 42.2 kDa Human S1PR3 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

S1PR3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

42.2 kDa

TMD

7

Sequence

MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVIC
SFIVLENLMVLIAIWKNNKFHNRMYYFFIGNLALCDLLAGIAYKVNILMSG
KKTFSLSPTVWFLREGSMFVALGASTCSLLAIAIERHLTMIKMRPYDANK
RHRVFLIGMCWLIAFTLGALPILGWNCLHNLPDCSTILPLYSKKYIAFC
ISIFTAILVTIVILYARIYFLVKSSSRKVANHNNSESMALLRTVVIVVS
VFIACWSPILFILFLIDVACRVQACPILFKAQWFIVLAVLNSAMNPVIYTL
ASKEMRRAFFRLVCNCLVRGRGARASPIQPALDPSRSKSSSSNSSHSPK
VKEDLPHTAPSSCIMDKNAALQNGIFCN

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

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](#)