

Product Information

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

Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3500K**

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

This product is a Human S1PR3 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

S1PR3

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MATALPPRLQPVRGNETLREHYQYVGKLAGRLKEASEGSTLTTVLFLVICSFIVLENLMVLIAIWKNNKFHNRMYYFFIGNLALCDLLAG

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

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

S1PR3; EDG3; LPB3; S1P3; EDG-3; C9orf47; C9orf108; bA791O21.3; 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; uncharacterized protein C9orf47; Sphingosine-1-phosphate receptor 3

Gene ID

[1903](#)

UniProt ID

[Q99500](#)