

Product Information

MemDX™ Membrane Protein Human S1PR4 (Sphingosine-1-phosphate receptor 4)

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

Cat. No.: **MPX3512K**

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

This product is a Human S1PR4 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

S1PR4

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MNATGTPVAPESCQQLAAGGHSRLIVLHYNHSGRLAGRGGPEDGGLGALRGLSVAASCLVVLENLLVLAITSHMRSRRWVYYCL

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

S1PR4

Full Name

Sphingosine-1-phosphate receptor 4

Introduction

This gene is a member of the endothelial differentiation, G-protein-coupled (EDG)) receptor gene family. EDG receptors bind lysophospholipids or lysosphingolipids as ligands, and are involved in cell signalling in many different cell types. This EDG receptor gene is intronless and is specifically expressed in the lymphoid tissue.

Alternative Names

S1PR4; EDG6; LPC1; S1P4; SLP4; S1P receptor 4; S1P receptor Edg-6; endothelial differentiation G-protein coupled receptor 6; endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6; sphingosine 1-phosphate receptor Edg-6; Sphingosine-1-phosphate receptor 4

Gene ID

[8698](#)

UniProt ID

[O95977](#)