

Product Information

MemDX™ Membrane Protein Human S1PR2 (Sphingosine-1-phosphate receptor 2)

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

Cat. No.: **MPX3431K**

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

This product is a Human S1PR2 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

S1PR2

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MGSLYSEYLNPNKVQEHYNYTKETLETQETTSRQVASAFIVILCCAIVVENLLVLIAVARNRSKFHSAMYLFLGNLAASDLLAGVAFVAN

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

S1PR2

Full Name

Sphingosine-1-phosphate receptor 2

Introduction

This gene encodes a member of the G protein-coupled receptors, as well as the EDG family of proteins. The encoded protein is a receptor for sphingosine 1-phosphate, which participates in cell proliferation, survival, and transcriptional activation. Defects in this gene have been associated with congenital profound deafness.

Alternative Names

S1PR2; EDG5; H218; LPB2; S1P2; AGR16; EDG-5; DFNB68; Gpcr13; CTD-2369P2.2; S1P receptor 2; S1P receptor EDG5; S1P receptor Edg-5; deafness, autosomal recessive 68; endothelial differentiation G-protein coupled receptor 5; endothelial differentiation, sphingolipid G-protein-coupled receptor, 5; sphingosine 1-phosphate receptor Edg-5; Sphingosine-1-phosphate receptor 2

Gene ID

[9294](#)

UniProt ID

[O95136](#)