SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

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

Cat. No.: **MPC0238K**
This product is for research use only and is not intended for diagnostic use.

This product is a 38.8 kDa Human S1PR2 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
S1PR2

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
38.8 kDa

TMD
7

Sequence
MGSLYSEYLNPNKVQEHYNYTKETLETQETTSRQVASAFIVILCCAIVVE
NLLVLIAVARNSKFHSAMYLFLGNLAASDLLAGVAFVANTLLSGSVTLRL
TPVQWFAREGSAFITLSASVFSLLAIAIERHVAIAKVKLYGSDKSCRMLL
LIGASWLISLVLGGLPILGWNCLGHLEACSTVLPLYAKHYVLCVVTIFSI
ILLAIVALYVRIYCVVRSSHADMAAPQTLALLKTVTIVLGVFIVCWLPAF
SILLLDYACPVHSCPILYKAHYFFAVSTLNSLLNPVIYTWRSRDLRREVL
RPLQCWRPGVGVQQGRRRGGTPGHHLLPLRSSSSLERGMHMPTSPTFLEGN
TVV

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

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

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; S1PR2; Sphingosine-1-phosphate receptor 2

Gene ID

9294

UniProt ID

O95136

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