Recombinant Human S1PR2 protein, MYC/DDK-tagged

Cat. No. S1PR2-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S1PR2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-353 aa
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	S1PR2 sphingosine-1-phosphate receptor 2 [Homo sapiens]

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Official Symbol	S1PR2
Synonyms	EDG5; H218; LPB2; S1P2; AGR16; EDG-5; Gpcr13
Gene ID	9294
mRNA Refseq	NM_004230.3
Protein Refseq	NP_004221
MIM	605111
UniProt ID	O95136
Chromosome Location	19p13.2
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem;G alpha (i) signalling events, organism-specific biosystem;GPCR downstream signaling, organism-specific biosystem;GPCR ligand binding, organism-specific biosystem;Lysosphingolipid and LPA receptors, organism-specific biosystem;Neuroactive ligand-receptor interaction, organism-specific biosystem;Neuroactive ligand-receptor interaction, conserved biosystem;
Function	G-protein coupled receptor activity;lipid binding;sphingosine-1-phosphate receptor activity;

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