PRODUCT INFORMATION

Tag	C-Flag Tag
Target	S1PR2
Synonyms	AGR16, DFNB68, EDG-5, EDG5, Gpcr13, H218, LPB2, S1P2
Description	Human S1PR2 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	O95136
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	S1P Signaling,Small ligand GPCRs,G-Protein Coupled Receptors Signaling Pathway,
Molecular Weight	The human full length S1PR2 protein has a MW of 38.9kDa
Formulation & Reconstitution	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Mar 2016]
Usage	Research use only
Conjugate	Unconjugated

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