

Recombinant Human S1PR5, GST-tagged

Cat. No. S1PR5-2496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S1PR5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	213-398aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	S1PR5 sphingosine-1-phosphate receptor 5 [Homo sapiens]
Official Symbol	S1PR5
Synonyms	S1PR5; sphingosine-1-phosphate receptor 5; EDG8, endothelial differentiation, sphingolipid G protein coupled receptor, 8; sphingosine 1-phosphate receptor 5; Edg 8; S1P receptor 5; S1P receptor Edg-8; sphingosine 1-phosphate receptor EDG8; sphingosine 1-phosphate receptor Edg-8; endothelial differentiation G-protein-

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	coupled receptor 8; endothelial differentiation, sphingolipid G-protein-coupled receptor, 8; EDG8; S1P5; Edg-8; SPPR-1; SPPR-2;
Gene ID	53637
mRNA Refseq	NM_001166215
Protein Refseq	NP_001159687
MIM	605146
UniProt ID	Q9H228
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; receptor activity; signal transducer activity; sphingosine-1-phosphate receptor activity;