



S1PR1 blocking peptide (CDBP6041)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is structurally similar to G protein-coupled receptors and is highly expressed in endothelial cells. It binds the ligand sphingosine-1-phosphate with high affinity and high specificity, and suggested to be involved in the processes that regulate the differentiation of endothelial cells. Activation of this receptor induces cell-cell adhesion. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	S1PR1 sphingosine-1-phosphate receptor 1 [Homo sapiens (human)]
Official Symbol	S1PR1
Synonyms	S1PR1; sphingosine-1-phosphate receptor 1; EDG1; S1P1; CD363; ECGF1; EDG-1; CHEDG1; D1S3362; sphingosine 1-phosphate receptor 1; S1P receptor 1; S1P receptor Edg-1; sphingosine 1-phosphate receptor EDG1; sphingosine 1-phosphate receptor Edg-1; endothelial differentiation G-protein coupled receptor 1; endothelial differentiation, sphingolipid G-protein-coupled receptor, 1

Entrez Gene ID	1901
mRNA Refseq	NM_001400
Protein Refseq	NP_001391
UniProt ID	P21453
Pathway	Class A/1 (Rhodopsin-like receptors); Fc-epsilon receptor I signaling in mast cells; FoxO signaling pathway; G alpha (i) signalling events; GPCR downstream signaling; GPCR ligand binding; GPCRs; Lysosphingolipid and LPA receptors
Function	G-protein coupled receptor activity; G-protein coupled receptor binding; sphingolipid binding; sphingosine-1-phosphate receptor activity
