



## Human S1PR3 peptide (DAG-P0445)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the EDG family of receptors, which are G protein-coupled receptors. This protein has been identified as a functional receptor for sphingosine 1-phosphate and likely contributes to the regulation of angiogenesis and vascular endothelial cell function. [provided by RefSeq, Jul 2008]
<b>Specificity</b>	Expressed in all tissues, but most abundantly in heart, placenta, kidney, and liver.
<b>Purity</b>	70 - 90% by HPLC.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">S1PR3 sphingosine-1-phosphate receptor 3 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	S1PR3
<b>Synonyms</b>	S1PR3; sphingosine-1-phosphate receptor 3; EDG3; LPB3; S1P3; EDG-3; sphingosine 1-phosphate receptor 3; S1P receptor 3; S1P receptor EDG3; S1P receptor Edg-3; sphingosine 1-phosphate receptor Edg-3; endothelial differentiation G-protein coupled receptor 3; G protein-coupled receptor, endothelial differentiation gene-3; endothelial differentiation, sphingolipid G-protein-coupled receptor, 3;

<b>Entrez Gene ID</b>	<a href="#">1903</a>
<b>mRNA Refseq</b>	<a href="#">NM_005226.3</a>
<b>Protein Refseq</b>	<a href="#">NP_005217.2</a>
<b>UniProt ID</b>	Q99500
<b>Chromosome Location</b>	9q22.1-q22.2
<b>Pathway</b>	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; S1P3 pathway, organism-specific biosystem; Signal Transduction, organi
<b>Function</b>	G-protein coupled receptor activity; lipid binding; sphingosine-1-phosphate receptor activity;