

S1PR1

Spingosine 1-phosphate receptor 1

Catalog No.	CSH3046MP CSH3046PR	Quantity:	10 mg 50 µg
Alternate Names:	S1P1, Endothelial Differentiation, Sphingolipid G-Protein-Coupled Receptor, 1, Spingosine 1-Phosphate Receptor Edg-1, CHEDG1, CD363 Antigen, D1S3362, ECGF1		
Description:	<p>S1PR1 encodes the protein known as Spingosine-1-phosphate receptor 1 (S1P1), a G-protein-coupled receptor which belongs to a sphingosine-1-phosphate receptor subfamily comprising five members (S1PR1-5). This receptor is highly expressed in endothelial cells where it binds the ligand sphingosine-1-phosphate with high affinity and high specificity. It may be involved in the processes that regulates the differentiation of endothelial cells. Activation of S1P1 induces cell-cell adhesion.</p> <p>The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.</p>		
Gene ID:	1901		
UniProtKB:	P21453		
Format:	Cell line, membrane preparation, or purified protein		
Source:	HEK 293 or CHO cells		
Characterization:	Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.		
Affinity Tag Options:	4S-H: 2 x TwinStrep Tag at the amino-terminus, His ₁₀ tag at the carboxy-terminus		

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