

**(DANRE) s1pr2 Blocking Peptide (N-Term)**  
**Synthetic peptide**  
**Catalog # BP21580a**

**Specification**

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**(DANRE) s1pr2 Blocking Peptide (N-Term) - Product Information**

Primary Accession [Q9I8K8](#)

**(DANRE) s1pr2 Blocking Peptide (N-Term) - Additional Information**

**Gene ID** 170457

**Other Names**

Sphingosine 1-phosphate receptor 2, S1P receptor 2, S1P2, Sphingosine 1-phosphate receptor Edg-5, S1P receptor Edg-5, s1pr2, edg5

**Target/Specificity**

The synthetic peptide sequence is selected from aa 39-53 of HUMAN s1pr2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**(DANRE) s1pr2 Blocking Peptide (N-Term) - Protein Information**

**Name** s1pr2

**Synonyms** edg5

**Function**

Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (PubMed:<a href="http://www.uniprot.org/citations/10910360" target="\_blank">10910360</a>). S1P receptor is critical for cell migration and epithelial integrity during vertebrate embryogenesis (PubMed:<a href="http://www.uniprot.org/citations/10910360" target="\_blank">10910360</a>). Receptor for the chemokine-like protein FAM19A5 (By similarity). Mediates the inhibitory effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**(DANRE) s1pr2 Blocking Peptide (N-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**(DANRE) s1pr2 Blocking Peptide (N-Term) - Images****(DANRE) s1pr2 Blocking Peptide (N-Term) - Background**

Receptor for the lysosphingolipid sphingosine 1- phosphate (S1P). S1P receptor is critical for cell migration and epithelial integrity during vertebrate embryogenesis.

**(DANRE) s1pr2 Blocking Peptide (N-Term) - References**

Kupperman E., et al. Nature 406:192-195(2000).