

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

Specification

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

Primary Accession [O918K8](#)

(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:10910360). S1P receptor is critical for cell migration and epithelial integrity during vertebrate embryogenesis (PubMed:10910360). 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).