

CXCL16 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP20991a

Specification

CXCL16 Blocking Peptide (Center) - Product Information

Primary Accession

[Q9H2A7](#)**CXCL16 Blocking Peptide (Center) - Additional Information**

Gene ID 58191

Other Names

C-X-C motif chemokine 16, Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein, SR-PSOX, Small-inducible cytokine B16, Transmembrane chemokine CXCL16, CXCL16, SCYB16, SRPSOX

Target/Specificity

The synthetic peptide sequence is selected from aa 150-163 of HUMAN CXCL16

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.

CXCL16 Blocking Peptide (Center) - Protein Information

Name CXCL16

Synonyms SCYB16, SRPSOX

Function

Acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis (By similarity). Induces a strong chemotactic response. Induces calcium mobilization. Binds to CXCR6/Bonzo.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Secreted. Note=Also exists as a soluble form

Tissue Location

Expressed in T-cell areas. Expressed in spleen, lymph nodes, lung, kidney, small intestine and

thymus. Weak expression in heart and liver and no expression in brain and bone marrow

CXCL16 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

CXCL16 Blocking Peptide (Center) - Images

CXCL16 Blocking Peptide (Center) - Background

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CXCL16 Blocking Peptide (Center) - References

Matloubian M.,et al.Nat. Immunol. 1:298-304(2000).
Wilbanks A.,et al.J. Immunol. 166:5145-5154(2001).
Shimaoka T.,et al.J. Biol. Chem. 275:40663-40666(2000).
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Clark H.F.,et al.Genome Res. 13:2265-2270(2003).