

IL8RB Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20651a**Specification**

IL8RB Blocking Peptide (N-term) - Product InformationPrimary Accession [P25025](#)**IL8RB Blocking Peptide (N-term) - Additional Information****Gene ID** 3579**Other Names**

C-X-C chemokine receptor type 2, CXC-R2, CXCR-2, CDw128b, GRO/MGSA receptor, High affinity interleukin-8 receptor B, IL-8R B, IL-8 receptor type 2, CD182, CXCR2, IL8RB

Target/Specificity

The synthetic peptide sequence is selected from aa 7-18 of HUMAN CXCR2

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.

IL8RB Blocking Peptide (N-term) - Protein Information**Name** CXCR2**Synonyms** IL8RB**Function**

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor (PubMed:1891716). Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G- protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:8662698). Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

Cellular Location

Cell membrane; Multi-pass membrane protein.

IL8RB Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

IL8RB Blocking Peptide (N-term) - Images

IL8RB Blocking Peptide (N-term) - Background

Receptor for interleukin-8 which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Binds to IL-8 with high affinity. Also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

IL8RB Blocking Peptide (N-term) - References

Murphy P.M.,et al.Science 253:1280-1283(1991).
Cerretti D.P.,et al.Mol. Immunol. 30:359-367(1993).
Sprenger H.,et al.J. Biol. Chem. 269:11065-11072(1994).
Ahuja S.K.,et al.J. Biol. Chem. 269:26381-26389(1994).
Kato H.,et al.Genes Immun. 1:330-337(2000).