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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CXCR5 Pre-design Chimera RNAi

Catalog # : H00000643-R03

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5) (CXCR5), transcript variant 1, mRNA.

Reactivity: Human

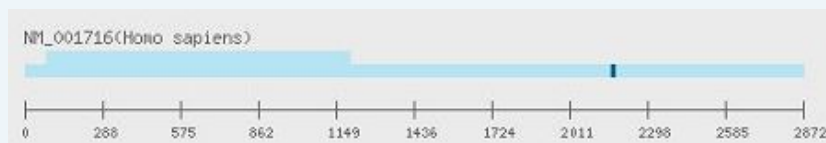
Supplied Product: DEPC water

Target Refseq: NM_001716

Target Region: 3' Untranslated Region (3'UTR)

Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.
The related RNAi products listed below were designed from different accession number but sharing the same RNAi sequence.



Application Image

RNAi Knockdown

Publication Reference

- [dsCheck: highly sensitive off-target search software for double-stranded RNA-mediated RNA interference.](#)
Naito Y, Yamada T, Matsumiya T, Ui-Tei K, Saigo K, Morishita S. *Nucleic Acids Res.* 2005 Jul 1;33(Web Server issue):W589-91.
- [Functional dissection of siRNA sequence by systematic DNA substitution: modified siRNA with a DNA seed arm is a powerful tool for mammalian gene silencing with significantly reduced off-target effect.](#)
Ui-Tei K, Naito Y, Zenno S, Nishi K, Yamato K, Takahashi F, Juni A, Saigo K. *Nucleic Acids Res.* 2008 Apr;36(7):2136-51. Epub 2008 Feb 11.
- [Guidelines for the selection of highly effective siRNA sequences for mammalian and chick RNA interference.](#)
Ui-Tei K, Naito Y, Takahashi F, Haraguchi T, Ohki-Hamazaki H, Juni A, Ueda R, Saigo K. *Nucleic Acids Res.* 2004 Feb 9;32(3):936-48. Print 2004.
- [siDirect: highly effective, target-specific siRNA design software for mammalian RNA interference.](#)
Naito Y, Yamada T, Ui-Tei K, Morishita S, Saigo K. *Nucleic Acids Res.* 2004 Jul 1;32(Web Server issue):W124-9.

Applications

RNAi Knockdown

Gene Information

Entrez GeneID: [643](#)

Gene Name: CXCR5

Gene Alias: BLR1,CD185,MDR15,MGC117347

Gene Description: chemokine (C-X-C motif) receptor 5

Omim ID: [601613](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene was identified as a gene specifically expressed in Burkitt's lymphoma and lymphatic tissues. The protein encoded by this gene is predicted to be a seven transmembrane G protein- coupled receptor and belongs to the CXC chemokine receptor family. BLC, a B-lymphocyte chemoattractant, was identified to be a specific ligand for this receptor. Studies of this gene and its mouse conterpart strongly suggest the essential function of this gene in B cell migration and localization within specific anatomic compartments, such as follicles in lymph nodes as well as in spleen. Two alternatively spliced variants of this gene exist. [provided by RefSeq]

Other Designations: Burkitt lymphoma receptor 1,Burkitt lymphoma receptor 1, GTP binding protein (chemokine (C-X-C motif) receptor 5),Burkitt lymphoma receptor 1, GTP-binding protein,C-X-C chemokine receptor type 5,monocyte-derived receptor 15

Gene Pathway

[Chemokine signaling pathway](#) [Cytokine-cytokine receptor interaction](#)

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