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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CSF2RA Pre-design Chimera RNAi

Catalog # : H00001438-R10

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) (CSF2RA), transcript variant 4, mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_172247

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: [1438](#)

Gene Name: CSF2RA

Gene Alias: CD116,CDw116,CSF2R,CSF2RAX,CSF2RAY,CSF2RX,CSF2RY,GM-CSF-R-alpha,GMCSFR,GMR,MGC3848,MGC4838

Gene Description: colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)

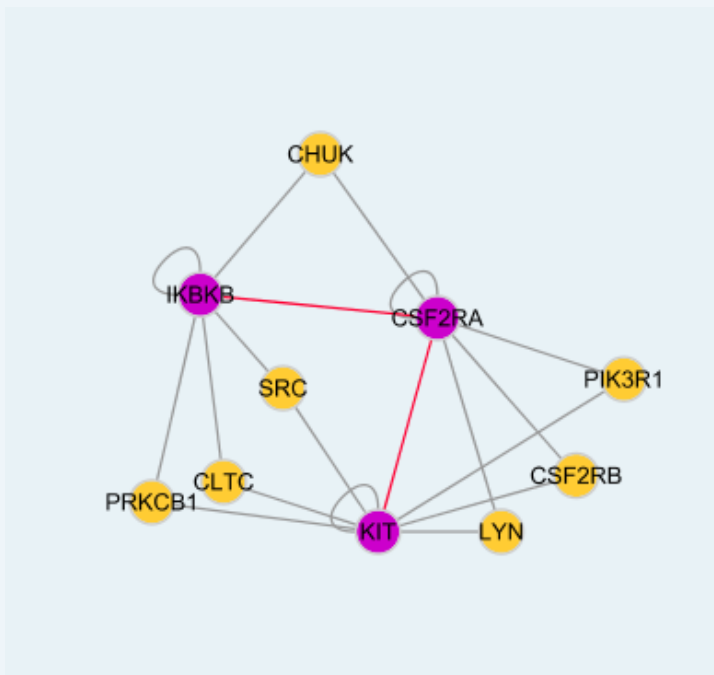
Omim ID: [306250](#), [425000](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. [provided by RefSeq]

Other Designations: CD116 antigen,GM-CSF receptor alpha subunit,OTTHUMP00000014504,OTTHUMP00000014505,OTTHUMP000014917,OTTHUMP00000014918,colony stimulating factor 2 receptor alpha chain,colony stimulating factor 2 receptor alpha subunit,granulocyte-macrophage colony-stimu

Interactome



Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Hematopoietic cell lineage](#)
[Jak-STAT signaling pathway](#) [Pathways in cancer](#)

Related Disease

[Genetic Predisposition to Disease](#) [Schizophrenia](#) [Schizophrenia](#)