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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TNFSF8 Pre-design Chimera RNAi

Catalog # : H00000944-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens tumor necrosis factor (ligand) superfamily, member 8 (TNFSF8), mRNA.

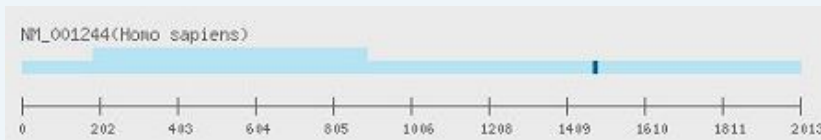
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001244

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

Note: Position of the Chimera RNAi.



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: [944](#)

Gene Name: TNFSF8

Gene Alias: CD153,CD30L,CD30LG,MGC138144

Gene tumor necrosis factor (ligand) superfamily, member 8

Description:

Omim ID: [603875](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF8/CD30, which is a cell surface antigen and a marker for Hodgkin lymphoma and related hematologic malignancies. The engagement of this cytokine expressed on B cell surface plays an inhibitory role in modulating Ig class switch. This cytokine was shown to enhance cell proliferation of some lymphoma cell lines, while to induce cell death and reduce cell proliferation of other lymphoma cell lines. The pleiotropic biologic activities of this cytokine on different CD30+ lymphoma cell lines may play a pathophysiologic role in Hodgkin's and some non-Hodgkin's lymphomas. [provided by RefSeq]

Other Designations: CD153 antigen,CD30 antigen ligand,CD30 ligand,OTTHUMP00000022762

Gene Pathway

[Cytokine-cytokine receptor interaction](#)

Related Disease

[Diabetes Mellitus, Type 1](#) [Genetic Predisposition to Disease](#) [Hematologic Diseases](#)
[Hodgkin Disease](#) [Kidney Failure, Chronic](#) [Lymphoma, Non-Hodgkin](#)
[Lymphoproliferative Disorders](#) [Multiple Myeloma](#) [Occupational Diseases](#)
[Waldenstrom Macroglobulinemia](#) [Werner syndrome](#)