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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HFE Pre-design Chimera RNAi

Catalog # : H00003077-R04

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens hemochromatosis (HFE), transcript variant 4, mRNA.

Reactivity: Human

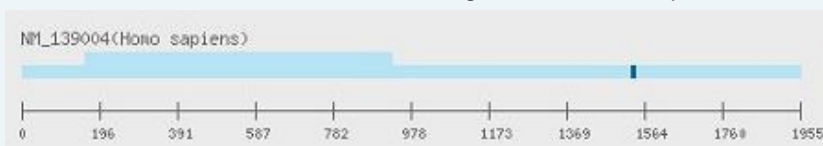
Supplied Product: DEPC water

Target Refseq: NM_139004

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: [3077](#)

Gene Name: HFE

Gene Alias: HFE1,HH,HLA-H,MGC103790,dJ221C16.10.1

Gene Description: hemochromatosis

Omim ID: [176200](#), [235200](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a membrane protein that is similar to MHC class I-type proteins and associates with beta2-microglobulin (beta2M). It is thought that this protein functions to regulate iron absorption by regulating the interaction of the transferrin receptor with transferrin. The iron storage disorder, hereditary haemochromatosis, is a recessive genetic disorder that results from defects in this gene. At least nine alternatively spliced variants have been described for this gene. Additional variants have been found but their full-length nature has not been determined. [provided by RefSeq]

Other Designations: MHC class I-like protein HFE,hemochromatosis protein,hereditary hemochromatosis protein HLA-H

Related Disease

[Abortion, Spontaneous](#) [Activated Protein C Resistance](#) [Acute Disease](#) [Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyps](#) [Albuminuria](#) [Alcoholism](#) [alpha 1-Antitrypsin Deficiency](#) [alpha-Thalassemia](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Amyotrophic Lateral Sclerosis](#) [Amyotrophic lateral sclerosis](#) [Anemia](#) [Anemia, Iron-Deficiency](#) [Anemia, Sickle Cell](#) [Anemia, sickle cell](#) [Arteriosclerosis](#)

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