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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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HFE Pre-design Chimera RNAi

Catalog # : H00003077-R07 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens hemochromatosis (HFE), transcript variant 7, mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_139007

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 accesion number but sharing the same RNAi sequence.

Application Image

RNAi Knockdown

Publication Reference

1. 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.

2. 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.

3. 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.

4. 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

... see more