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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F3 Pre-design Chimera RNAi

Catalog # : H00002152-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens coagulation factor III (thromboplastin, tissue factor) (F3), mRNA.

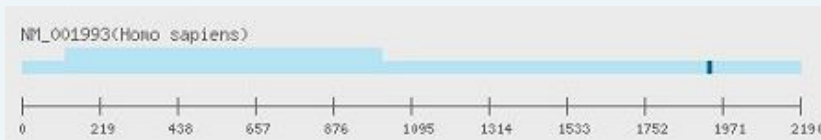
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001993

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: [2152](#)

Gene Name: F3

Gene Alias: CD142,TF,TFA

Gene coagulation factor III (thromboplastin, tissue factor)

Description:

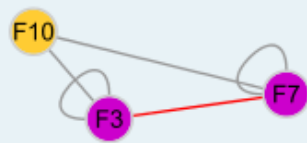
Omim ID: [134390](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. [provided by RefSeq]

Other Designations: OTTHUMP00000012426,coagulation factor III,tissue factor

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

Related Disease

[Acute Disease](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Atherosclerosis](#) [Atherosclerosis](#) [Brain Ischemia](#) [Cardiovascular Diseases](#) [Carotid Stenosis](#) [Chorioamnionitis](#) [Coronary Thrombosis](#) [Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Fetal Membranes, Premature Rupture](#) [Genetic Predisposition to Disease](#) [Hemorrhage](#) [Kidney Failure, Chronic](#) [Metabolic Syndrome X](#) [Myocardial Ischemia](#)

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