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- Diagnostik & molekulare Diagnostik
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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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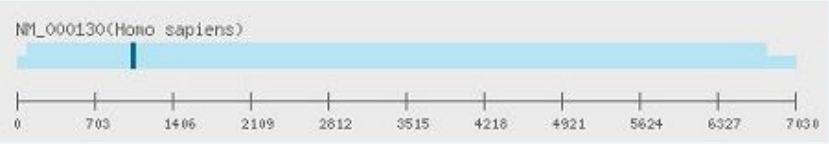
F5 Pre-design Chimera RNAi

Catalog # : H00002153-R01 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description:	Homo sapiens coagulation factor V (proaccelerin, labile factor) (F5), mRNA.
Reactivity:	Human
Supplied Product:	DEPC water
Target Refseq:	NM_000130
Storage Instruction:	Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.
Note:	Position of the Chimera RNAi.



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:	2153
Gene Name:	F5
Gene Alias:	FVL,PCCF

Application Image

RNAi Knockdown

Gene Description:	coagulation factor V (proaccelerin, labile factor)
Omim ID:	227400, 600880
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes an essential cofactor of the blood coagulation cascade. This factor circulates in plasma, and is converted to the active form by the release of the activation peptide by thrombin during coagulation. This generates a heavy chain and a light chain which are held together by calcium ions. The activated protein is a cofactor that participates with activated coagulation factor X to activate prothrombin to thrombin. Defects in this gene result in either an autosomal recessive hemorrhagic diathesis or an autosomal dominant form of thrombophilia, which is known as activated protein C resistance. [provided by RefSeq
Other Designations:	OTTHUMP00000032547,activated protein c cofactor,coagulation factor V,coagulation factor V jinjiang A2 domain,factor V Leiden,labile factor

Gene Pathway

Complement and coagulation cascades

Related Disease

Abortion, Habitual Abortion, Spontaneous Abruptio Placentae
Activated Protein C Resistance Acute Disease Adenocarcinoma Albuminuria Alcoholism
Amyotrophic Lateral Sclerosis Amyotrophic lateral sclerosis Anemia, Sickle Cell
Anemia, sickle cell Aneurysm, Ruptured Angina, Unstable Anoxia
Antiphospholipid Syndrome Antithrombin III Deficiency Apnea Arterial Occlusive Diseases

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