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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F8 Pre-design Chimera RNAi

Catalog # : H00002157-R02 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description:	Homo sapiens coagulation factor VIII, procoagulant component (hemophilia A) (F8), transcript variant 2, mRNA.
Reactivity:	Human
Supplied Product:	DEPC water
Target Refseq:	NM_019863
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

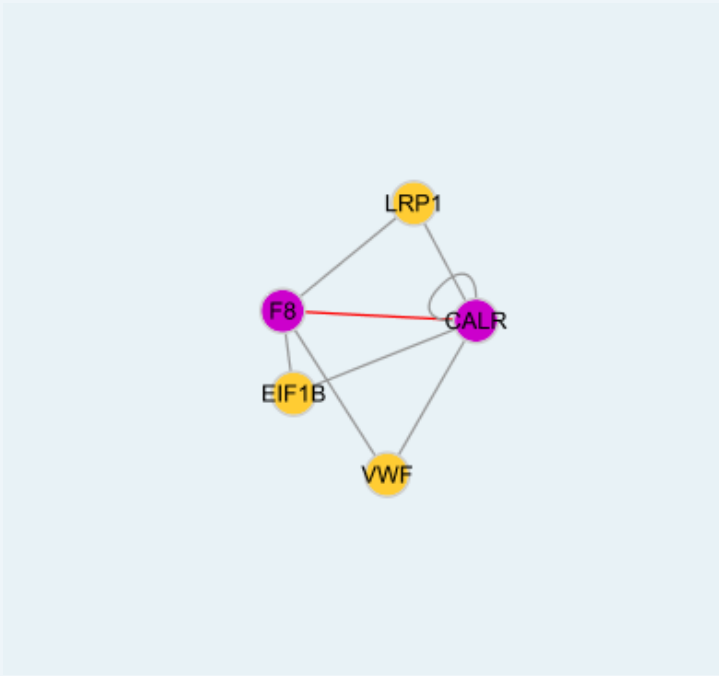
Gene Information

Entrez GeneID: 2157

Gene Name: F8

Gene Alias:	AHF,DXS1253E,F8B,F8C,FVIII,HEMA
Gene Description:	coagulation factor VIII, procoagulant component
Omim ID:	306700
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca+2 and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq
Other Designations:	OTTHUMP00000061446,OTTHUMP00000196174,coagulation factor VIII,coagulation factor VIIIc,factor VIII F8B,procoagulant component

Interactome



Gene Pathway

Complement and coagulation cascades

Related Disease

Abortion, Habitual Activated Protein C Resistance Anemia, Sickle Cell Anemia, sickle cell Arteriosclerosis Atherosclerosis Autoimmune Diseases Cardiovascular Diseases Cerebral Hemorrhage Cerebrovascular Disorders Chromosome Inversion Coronary Disease Diabetes Mellitus Diabetes Mellitus, Type 2 Disease Progression Edema Fetal Growth Retardation Genetic Predisposition to Disease Hemophilia A

... see more