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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGG Pre-design Chimera RNAi

Catalog # : H00002266-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens fibrinogen gamma chain (FGG), transcript variant gamma-B, mRNA.

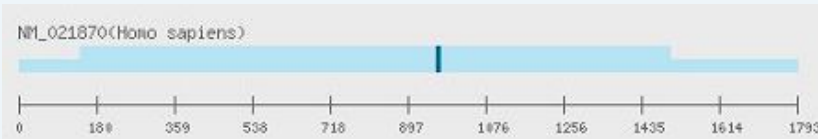
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_021870

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: [2266](#)

Gene Name: FGG

Gene Alias: -

Gene fibrinogen gamma chain
Description:

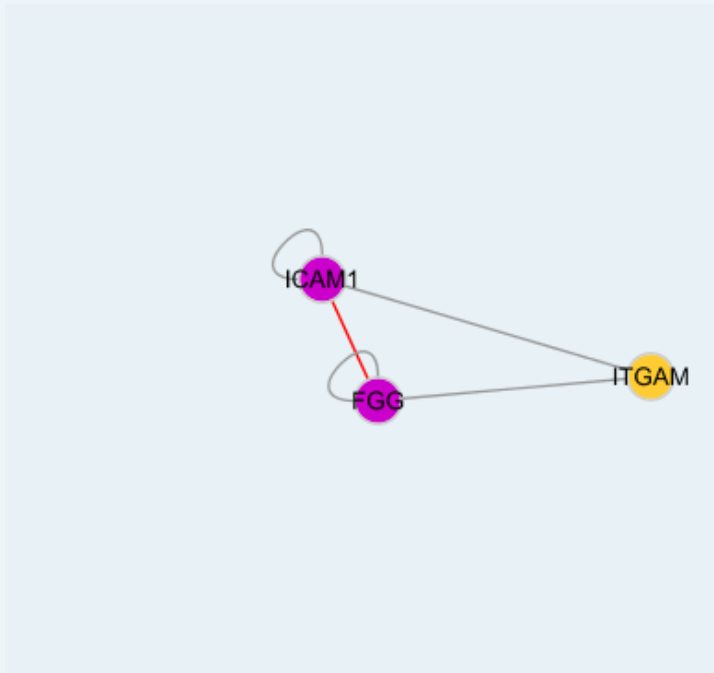
Omim ID: [134850](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other fibrinogen, gamma chain, fibrinogen, gamma polypeptide
Designations:

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Aortic Diseases](#) [Atherosclerosis](#) [Atherosclerosis](#)
[Brain Ischemia](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Carotid Artery Diseases](#)
[Carotid Stenosis](#) [Cerebral Hemorrhage](#) [Coronary Artery Disease](#) [Coronary Disease](#)
[Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Edema](#)
[Genetic Predisposition to Disease](#) [Hemophilia A](#) [Hypertension](#)

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