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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F2 Validated Chimera RNAi

Catalog # : H00002147-R01V

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens coagulation factor II (thrombin) (F2), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_000506

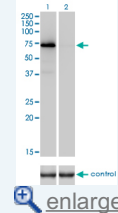
Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown (Antibody validated)

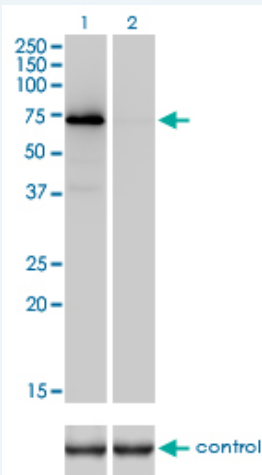


Publication Reference


- 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 (Antibody validated)



Western blot analysis of F2 over-expressed 293 cell line, cotransfected with F2 Validated Chimera RNAi (Cat # H00002147-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with F2 monoclonal antibody (M01), clone 1B7 (Cat # H00002147-M01). GAPDH (36.1 kDa) used as specificity and loading control.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [2147](#)

Gene Name: F2

Gene Alias: PT

Gene Description: coagulation factor II (thrombin)

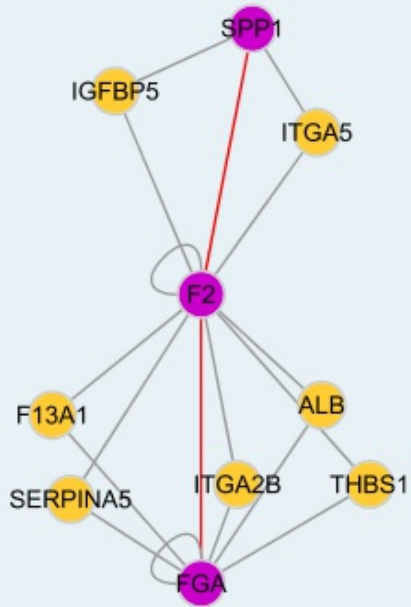
Omim ID: [176930](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Coagulation factor II is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Mutations in F2 leads to various forms of thrombosis and dysprothrombinemia. [provided by RefSeq]

Other Designations: coagulation factor II, prothrombin B-chain, serine protease

Interactome



Gene Pathway

[Complement and coagulation cascades](#) [Neuroactive ligand-receptor interaction](#)
[Regulation of actin cytoskeleton](#)

Related Disease

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