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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SERPINH1 Pre-design Chimera RNAi

Catalog # : H00000871-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1) (SERPINH1), mRNA.

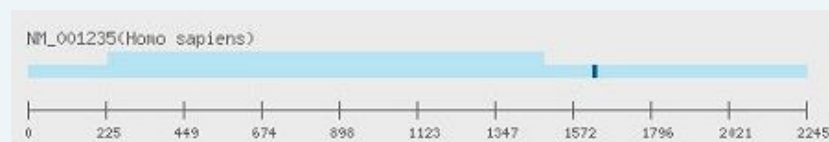
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001235

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: [871](#)

Gene Name: SERPINH1

Gene Alias: AsTP3,CBP1,CBP2,HSP47,PIG14,PPROM,RA-A47,SERPINH2,gp46

Gene Description: serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)

Omim ID: [600943](#), [610504](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the serpin superfamily of serine proteinase inhibitors. Its expression is induced by heat shock. The protein localizes to the endoplasmic reticulum lumen and binds collagen; thus it is thought to be a molecular chaperone involved in the maturation of collagen molecules. Autoantibodies to this protein have been found in patients with rheumatoid arthritis. [provided by RefSeq]

Other Designations: arsenic-transactivated protein 3, colligin-1, colligin-2, proliferation-inducing gene 14, rheumatoid arthritis antigen A-47, serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1), serine (or cysteine)

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[Fetal Membranes](#), [Premature Rupture](#) [Genetic Predisposition to Disease](#) [Infection](#)
[Inflammation](#) [Musculoskeletal Diseases](#) [Pregnancy Complications](#), [Hematologic](#)
[Premature Birth](#) [Skin Diseases](#)

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