



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## EDN2 Pre-design Chimera RNAi

Catalog # : H00001907-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product** Homo sapiens endothelin 2 (EDN2), mRNA.

**Description:**

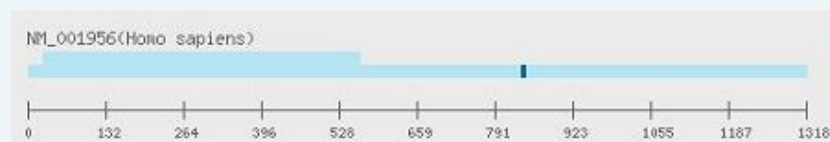
**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_001956

**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

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:** [1907](#)

**Gene Name:** EDN2

**Gene Alias:** ET2,PPET2

**Gene** endothelin 2

**Description:**

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**Omim ID:** [131241](#)

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**Gene Ontology:** [Hyperlink](#)

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**Gene Summary:** This gene encodes a member of the endothelin protein family of secretory vasoconstrictive peptides. The preproprotein is processed to a short mature form which functions as a ligand for the endothelin receptors that initiate intracellular signaling events. This gene product is involved in a wide range of biological processes, such as hypertension and ovulation. [provided by RefSeq]

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**Other Designations:** OTTHUMP00000007075,preproendothelin 2

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**Gene Pathway**

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[Hypertrophic cardiomyopathy \(HCM\)](#) [Neuroactive ligand-receptor interaction](#)  
[Vascular smooth muscle contraction](#)

**Related Disease**

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[Atrial Fibrillation](#) [Cardiomyopathy](#) [Hypertrophic Cardiovascular Diseases](#)  
[Connective Tissue Diseases](#) [Cystic Fibrosis](#) [Diabetes Mellitus, Type 2](#)  
[Ductus Arteriosus, Patent](#) [Edema](#) [Fetal Diseases](#) [Genetic Predisposition to Disease](#)  
[Infant, Premature, Diseases](#) [Infection](#) [Inflammation](#) [Musculoskeletal Diseases](#)  
[Pregnancy Complications](#) [Hematologic](#) [Premature Birth](#) [Skin Diseases](#)

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