



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## EXT2 Pre-design Chimera RNAi

Catalog # : H00002132-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product Description:** Homo sapiens exostoses (multiple) 2 (EXT2), transcript variant 1, mRNA.

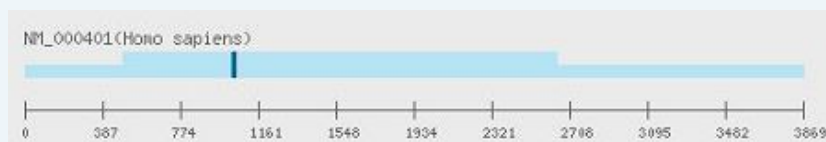
**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_000401

**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:** [2132](#)

**Gene Name:** EXT2

**Gene Alias:** SOTV

**Gene** exostoses (multiple) 2

**Description:**

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**Omim ID:** [133701](#), [608210](#)

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

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**Gene Summary:** This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq]

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**Other Designations:** Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase, N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase, exostosin 2

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### Gene Pathway

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[Heparan sulfate biosynthesis](#) [Metabolic pathways](#)

### Related Disease

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[Cardiovascular Diseases](#) [Coronary Disease](#) [Diabetes Mellitus](#) [Diabetes Mellitus, Type 2](#)

[Edema](#) [Exostoses, Multiple Hereditary](#) [Genetic Predisposition to Disease](#)

[Glucose Intolerance](#) [HIV Infections](#) [Hyperglycemia](#) [Obesity](#) [Tobacco Use Disorder](#)

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