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Produktinformation

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- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

FOXI1 Pre-design Chimera RNAi

Catalog # : H00002299-R02 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens forkhead box I1 (FOXI1), transcript variant 2, mRNA.

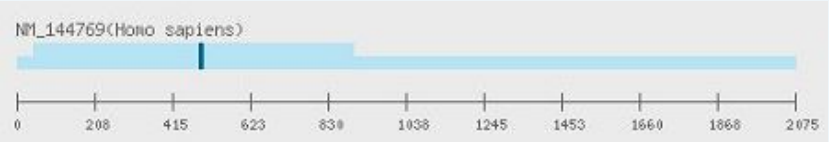
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_144769

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 accesion number but sharing the same RNAi sequence.



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: 2299

Gene Name: FOXI1

Application Image

RNAi Knockdown

Gene Alias:	FKH10,FKHL10,FREAC6,HFH3,MGC34197
Gene Description:	forkhead box I1
Omim ID:	600791, 601093
Gene Ontology:	Hyperlink
Gene Summary:	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it is possible that this gene plays an important role in the development of the cochlea and vestibulum, as well as embryogenesis. Mutations in this gene may be associated with the common cavity phenotype. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations:	HNF-3/fork-head homolog-3,forkhead-like 10,forkhead-related activator 6,hepatocyte nuclear factor 3 forkhead homolog 3

Related Disease

Hearing Loss, Unilateral Lymphedema