



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## FOXO3A Pre-design Chimera RNAi

Catalog # : H00002309-R02

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product Description:** Homo sapiens forkhead box O3A (FOXO3A), transcript variant 2, mRNA.

**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_201559

**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 accession number but sharing the same RNAi sequence.



### 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:** [2309](#)

**Gene Name:** FOXO3

**Gene Alias:** AF6q21,DKFZp781A0677,FKHRL1,FKHRL1P2,FOXO2,FOXO3A,MGC12739,MGC31925

**Gene Description:** forkhead box O3

**Omim ID:** [602681](#)

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

**Gene Summary:** This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]

**Other Designations:** OTTHUMP00000016944,forkhead box O3A,forkhead homolog (rhabdomyosarcoma) like 1,forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1

#### Gene Pathway

[Chemokine signaling pathway](#) [Endometrial cancer](#) [Neurotrophin signaling pathway](#) [Non-small cell lung cancer](#)

#### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Amenorrhea](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#) [Cognition](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Infertility, Female](#) [Narcolepsy](#) [Obesity](#) [Obesity](#) [Ovarian Failure, Premature](#) [Primary Ovarian Insufficiency](#) [Tobacco Use Disorder](#) [Tooth Abnormalities](#)

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