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Lieferung & Zahlungsart

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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](https://www.linkedin.com/company/szaboscandic) 

OXTR Pre-design Chimera RNAi

Catalog # : H00005021-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens oxytocin receptor (OXTR), mRNA.

Description:

Reactivity: Human

Supplied DEPC water

Product:

Target Refseq: NM_000916

Storage Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure
Instruction: 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: [5021](#)

Gene Name: OXTR

Gene Alias: OT-R

Gene oxytocin receptor

Description:

Omim ID: [167055](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to the G-protein coupled receptor family and acts as a receptor for oxytocin. Its activity is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. The oxytocin-oxytocin receptor system plays an important role in the uterus during parturition. [provided by RefSeq]

Other -
Designations:

Gene Pathway

[Calcium signaling pathway](#) [Neuroactive ligand-receptor interaction](#)

Related Disease

[Antisocial Personality Disorder](#) [Anxiety](#) [Separation](#) [Asperger Syndrome](#)
[Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Chorioamnionitis](#)
[Ductus Arteriosus](#) [Patent Fetal Membranes](#) [Premature Rupture](#)
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