



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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

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## CBR3 Pre-design Chimera RNAi

Catalog # : H00000874-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product Description:** Homo sapiens carbonyl reductase 3 (CBR3), mRNA.

**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_001236

**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:** 874

**Gene Name:** CBR3

**Gene Alias:** SDR21C2,hCBR3

**Gene** carbonyl reductase 3

**Description:**

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**Omim ID:** [603608](#)

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

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**Gene Summary:** Carbonyl reductase 3 catalyzes the reduction of a large number of biologically and pharmacologically active carbonyl compounds to their corresponding alcohols. The enzyme is classified as a monomeric NADPH-dependent oxidoreductase. CBR3 contains three exons spanning 11.2 kilobases and is closely linked to another carbonyl reductase gene - CBR1. [provided by RefSeq]

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**Other Designations:** NADPH-dependent carbonyl reductase 3, carbonyl reductase (NADPH) 3, short chain dehydrogenase/reductase family 21C, member 2

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**Gene Pathway**

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[Arachidonic acid metabolism](#) [Metabolic pathways](#)

**Related Disease**

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[Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Genetic Predisposition to Disease](#)  
[Lung Neoplasms](#) [Neoplasms](#) [Obesity](#) [Ovarian Failure](#) [Premature](#)  
[Polycystic Ovary Syndrome](#) [Puberty](#) [Delayed Puberty](#) [Precocious](#)  
[Pulmonary Disease](#) [Chronic Obstructive](#) [Thrombophilia](#) [Tobacco Use Disorder](#)  
[Urinary Bladder Neoplasms](#) [Werner syndrome](#)