



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## CCKAR Pre-design Chimera RNAi

Catalog # : H00000886-R02

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product Description:** Homo sapiens cholecystokinin A receptor (CCKAR), mRNA.

**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_000730

**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:** [886](#)

**Gene Name:** CCKAR

**Gene Alias:** CCK-A,CCK1-R,CCKRA

**Gene** cholecystokinin A receptor

**Description:**

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**Omim ID:** [118444](#)

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

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**Gene Summary:** This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine. [provided by RefSeq]

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**Other Designations:** cholecystokinin type-A receptor,cholecystokinin-1 receptor

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**Gene Pathway**

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

**Related Disease**

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[Alcohol Withdrawal Delirium](#) [Alcoholism](#) [Alcohol-Related Disorders](#) [Anorexia Nervosa](#) [Bipolar Disorder](#) [Bulimia](#) [Bulimia Nervosa](#) [Cardiovascular Diseases](#) [Depressive Disorder, Major](#) [Diabetes Mellitus, Type 2](#) [Disease Models, Animal](#) [Drug Toxicity](#) [Eating Disorders](#) [Edema](#) [Gallbladder Neoplasms](#) [Gallstones](#) [Genetic Predisposition to Disease](#) [Hallucinations](#) [Hypercholesterolemia](#)

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