



# 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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## CD28 Pre-design Chimera RNAi

Catalog # : H00000940-R02

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product** Homo sapiens CD28 antigen (Tp44) (CD28), mRNA.

**Description:**

**Reactivity:** Human

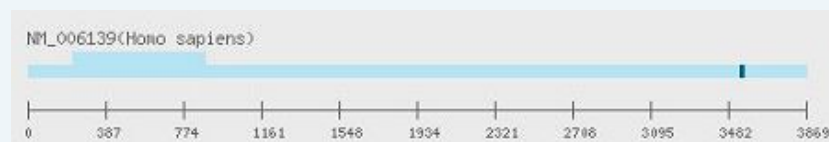
**Supplied** DEPC water

**Product:**

**Target Refseq:** NM\_006139

**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:** [940](#)

**Gene Name:** CD28

**Gene Alias:** MGC138290, Tp44

**Gene** CD28 molecule

**Description:**

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**Omim ID:** [186760](#)

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

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**Gene Summary:** CD28 costimulation is essential for CD4 (MIM 186940)-positive T-cell proliferation, survival, interleukin-2 (IL2; MIM 147680) production, and T-helper type-2 (Th2) development.[supplied by OMIM]

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**Other Designations:** CD28 antigen,CD28 antigen (Tp44),T-cell-specific surface glycoprotein

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**Gene Pathway**

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[Allograft rejection](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#)  
[Graft-versus-host disease](#) [Systemic lupus erythematosus](#) [T cell receptor signaling pathway](#)  
[Type I diabetes mellitus](#)

**Related Disease**

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[Acute Disease](#) [Arthritis, Rheumatoid](#) [Asthma](#) [Asthma](#) [Behcet Syndrome](#) [Bronchiolitis, Viral](#)  
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[Genetic Predisposition to Disease](#) [Hematologic Diseases](#) [Hepatitis C](#) [Hodgkin Disease](#)  
[Hypersensitivity, Immediate](#)

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