



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## EGR3 Pre-design Chimera RNAi

Catalog # : H00001960-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product** Homo sapiens early growth response 3 (EGR3), mRNA.

**Description:**

**Reactivity:** Human

**Supplied** DEPC water

**Product:**

**Target Refseq:** NM\_004430

**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:** [1960](#)

**Gene Name:** EGR3

**Gene Alias:** MGC138484,PILOT

**Gene** early growth response 3

**Description:**

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**Omim ID:** [602419](#)

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

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**Gene Summary:** The gene encodes a transcriptional regulator that belongs to the EGR family of C2H2-type zinc-finger proteins. It is an immediate-early growth response gene which is induced by mitogenic stimulation. The protein encoded by this gene participates in the transcriptional regulation of genes in controlling biological rhythm. It may also plays a role in muscle development. [provided by RefSeq]

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**Other** zinc finger protein pilot

**Designations:**

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**Related Disease**

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[Alzheimer Disease](#) [Alzheimer disease](#) [Bipolar Disorder](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#) [Diabetes Complications](#) [Genetic Predisposition to Disease](#) [Metabolic Syndrome X](#) [Neoplasms](#) [Osteoporosis](#) [Psychiatric Status Rating Scales](#) [Psychotic Disorders](#) [Schizophrenia](#)

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