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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## EEF1A2 Pre-design Chimera RNAi

Catalog # : H00001917-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product Description:** Homo sapiens eukaryotic translation elongation factor 1 alpha 2 (EEF1A2), mRNA.

**Reactivity:** Human

**Supplied Product:** DEPC water

**Target Refseq:** NM\_001958

**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:** [1917](#)

**Gene Name:** EEF1A2

**Gene Alias:** EEF1A1,EF-1-alpha-2,EF1A,FLJ41696,HS1,STN,STNL

**Gene** eukaryotic translation elongation factor 1 alpha 2

**Description:**

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**Omim ID:** [602959](#)

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

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**Gene Summary:** This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

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**Other Designations:** OTTHUMP00000031776,elongation factor 1-alpha 2,elongation factor-1 alpha,statin S1,statin-like

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