



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

EGFR Pre-design Chimera RNAi

Catalog # : H00001956-R16

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian) (EGFR), transcript variant 4, mRNA.

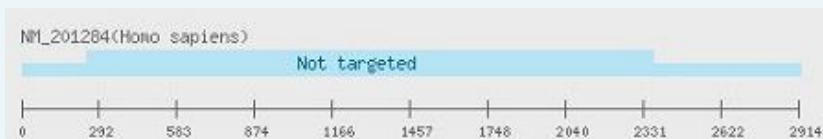
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_201284

Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.
The related RNAi products listed below were designed from different accession number but sharing the same RNAi sequence.



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: [1956](#)

Gene Name: EGFR

Application Image

RNAi Knockdown

Gene Alias: ERBB,ERBB1,HER1,PIG61,mENA

Gene Description: epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)

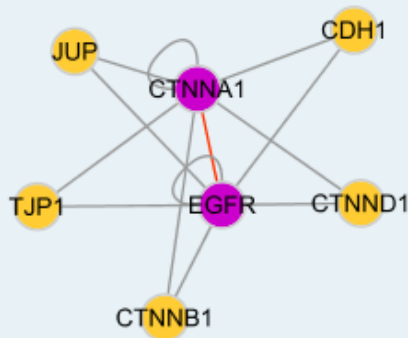
Omim ID: [131550](#), [211980](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor. Binding of the protein to a ligand induces receptor dimerization and tyrosine autophosphorylation and leads to cell proliferation. Mutations in this gene are associated with lung cancer. [provided by RefSeq]

Other Designations: avian erythroblastic leukemia viral (v-erb-b) oncogene homolog, cell growth inhibiting protein 40, cell proliferation-inducing protein 61, epidermal growth factor receptor

Interactome



Gene Pathway

[Adherens junction](#) [Bladder cancer](#) [Calcium signaling pathway](#) [Colorectal cancer](#) [Cytokine-cytokine receptor interaction](#) [Dorso-ventral axis formation](#) [Endocytosis](#) [Endometrial cancer](#) [Epithelial cell signaling in Helicobacter pylori infection](#) [ErbB signaling pathway](#) [Focal adhesion](#) [Gap junction](#) [Glioma](#) [GnRH signaling pathway](#) [MAPK signaling pathway](#) [Melanoma](#) [Non-small cell lung cancer](#) [Pancreatic cancer](#) [Pathways in cancer](#) [Prostate cancer](#) [Regulation of actin cytoskeleton](#)

Related Disease

[Adenocarcinoma](#) [Adenocarcinoma, Bronchiolo-Alveolar](#) [Adenocarcinoma, Mucinous](#) [Adenocarcinoma, Papillary](#) [Anus Neoplasms](#) [Asthma](#) [Asthma](#) [Astrocytoma](#) [Atherosclerosis](#) [Barrett Esophagus](#) [Bile Duct Neoplasms](#) [Biliary Tract Neoplasms](#) [Bipolar Disorder](#) [Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Bronchial Hyperreactivity](#) [Carcinoma](#) [Carcinoma, Adenosquamous](#)

... see more

