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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGF1 Pre-design Chimera RNAi

Catalog # : H00002246-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens fibroblast growth factor 1 (acidic) (FGF1), transcript variant 1, mRNA.

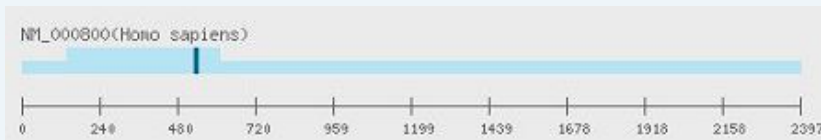
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_000800

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: 2246

Gene Name: FGF1

Gene Alias: AFGF, ECGF, ECGF-beta, ECGFA, ECGFB, FGF-alpha, FGFA, GLIO703, HBGF1

Gene fibroblast growth factor 1 (acidic)

Description:

Omim ID: [131220](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations: OTTHUMP00000066028,OTTHUMP00000066030,OTTHUMP00000066031,OTTHUMP00000174675,endothelial cell growth factor, alpha,endothelial cell growth factor, beta,heparin-binding growth factor 1

Interactome



Gene Pathway

[MAPK signaling pathway](#) [Melanoma Pathways in cancer](#) [Regulation of actin cytoskeleton](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Arthritis, Psoriatic](#) [Cardiovascular Diseases](#) [Celiac Disease](#) [Chorioamnionitis](#) [Cleft Lip](#) [Cleft Palate](#) [Diabetes Complications](#) [Endometriosis](#) [Fetal Membranes, Premature Rupture](#) [Genetic Predisposition to Disease](#) [Hepatitis C, Chronic](#) [Hyperparathyroidism, Secondary](#) [Hypertension](#) [Intracranial Aneurysm](#) [Metabolic Syndrome X](#) [Multiple Sclerosis](#) [Neoplasms](#)

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