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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NNAT Pre-design Chimera RNAi

Catalog # : H00004826-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Homo sapiens neuronatin (NNAT), transcript variant 1, mRNA.

Description:

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_005386

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.



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: [4826](#)

Gene Name: NNAT

Gene Alias: MGC1439,Peg5

Gene Description: neuronatin

Omim ID: [603106](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is a proteolipid that may be involved in the regulation of ion channels during brain development. The encoded protein may also play a role in forming and maintaining the structure of the nervous system. This gene is found within an intron of the BLCAP gene, but on the opposite strand. This gene is imprinted and is expressed only from the paternal allele, while BLCAP is not imprinted. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000030933,OTTHUMP00000030934

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