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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NTRK3 Pre-design Chimera RNAi

Catalog # : H00004916-R12

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens neurotrophic tyrosine kinase, receptor, type 3 (NTRK3), transcript variant 2, mRNA.

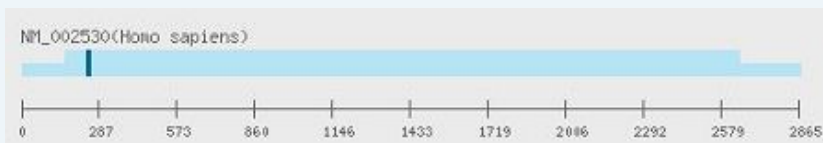
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_002530

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: [4916](#)

Gene Name: NTRK3

Gene Alias: TRKC, gp145(trkC)

Gene Description: neurotrophic tyrosine kinase, receptor, type 3

Omim ID: [191316](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. [provided by RefSeq]

Other Designations: ETS related protein-neurotrophic receptor tyrosine kinase fusion protein, ETV6-NTRK3 fusion, NT-3 growth factor receptor, OTTHUMP00000192915, neurotrophin 3 receptor, tyrosine kinase receptor C

Gene Pathway

[Neurotrophin signaling pathway](#)

Related Disease

[Anxiety Disorders](#) [Asperger Syndrome](#) [Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Bipolar Disorder](#) [Depressive Disorder](#) [Depressive Disorder, Major](#) [Disease Models, Animal](#) [Eating Disorders](#) [Genetic Predisposition to Disease](#) [Hirschsprung Disease](#) [Hypertension](#) [Mental Disorders](#) [Mood Disorders](#) [Neuropsychological Tests](#) [Obsessive-Compulsive Disorder](#) [Pancreatic cancer](#) [Pancreatic Neoplasms](#) [Panic Disorder](#)

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