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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

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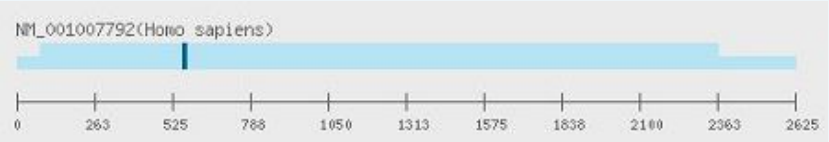
NTRK1 Pre-design Chimera RNAi

Catalog # : H00004914-R10 **規格 :** [10 nmol] [20 nmol]

List All

Specification

Product Description:	Homo sapiens neurotrophic tyrosine kinase, receptor, type 1 (NTRK1), transcript variant 3, mRNA.
Reactivity:	Human
Supplied Product:	DEPC water
Target Refseq:	NM_001007792
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 accesion number but sharing the same RNAi sequence.



Application Image

RNAi Knockdown

Publication Reference

1. 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.
2. 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.
3. 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.
4. 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: 4914

Gene Name: NTRK1

Gene Alias:	DKFZp781I14186,MTC,TRK,TRK1,TRKA,p140-TrkA
Gene Description:	neurotrophic tyrosine kinase, receptor, type 1
Omim ID:	155240, 191315, 256800
Gene Ontology:	Hyperlink
Gene Summary:	This gene encodes a member of the neurotrophic tyrosine kinase receptor (NTKR) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. The presence of this kinase leads to cell differentiation and may play a role in specifying sensory neuron subtypes. Mutations in this gene have been associated with congenital insensitivity to pain, anhidrosis, self-mutilating behavior, mental retardation and cancer. Alternate transcriptional splice variants of this gene have been found, but only three have been characterized to date. [provided by RefSeq
Other Designations:	OTTHUMP00000038736,Oncogene TRK,high affinity nerve growth factor receptor,tyrosine kinase receptor A

Gene Pathway

Apoptosis Endocytosis MAPK signaling pathway Neurotrophin signaling pathway Pathways in cancer Thyroid cancer

Related Disease

Alzheimer Disease Alzheimer disease Asperger Syndrome Autistic Disorder Cardiovascular Diseases Diabetes Mellitus, Type 2 Disease Models, Animal Eating Disorders Edema Genetic Predisposition to Disease Hereditary Sensory and Autonomic Neuropathies Hyperparathyroidism, Secondary Kidney Failure, Chronic Leukemia, Myeloid, Acute Mental Disorders Neuroblastoma Social Perception Thyroid Diseases Thyroid Neoplasms