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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NR4A2 Pre-design Chimera RNAi

Catalog # : H00004929-R04

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens nuclear receptor subfamily 4, group A, member 2 (NR4A2), transcript variant 4, mRNA.

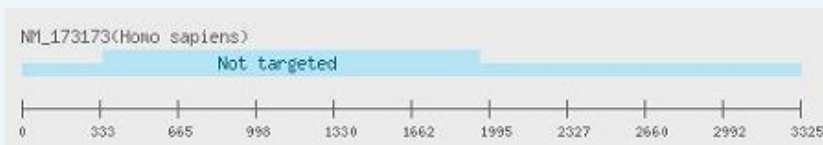
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_173173

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: [4929](#)

Gene Name: NR4A2

Gene Alias: HZF-3,NOT,NURR1,RNR1,TINUR

Gene Description: nuclear receptor subfamily 4, group A, member 2

Omim ID: [168600](#), [601828](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. The encoded protein may act as a transcription factor. Mutations in this gene have been associated with disorders related to dopaminergic dysfunction, including Parkinson disease, schizophrenia, and manic depression. Misregulation of this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations: NGFI-B/nur77 beta-type transcription factor homolog,T-cell nuclear receptor NOT,intermediate-early receptor protein,nur related protein-1, human homolog of,orphan nuclear receptor NURR1,transcriptionally inducible nuclear receptor related 1

Related Disease

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[Lewy Body Disease](#) [Mental Disorders](#) [Obesity](#) [Opioid-Related Disorders](#)
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