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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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RUNX3 Pre-design Chimera RNAi

Catalog # : H00000864-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens runt-related transcription factor 3 (RUNX3), transcript variant 1, mRNA.

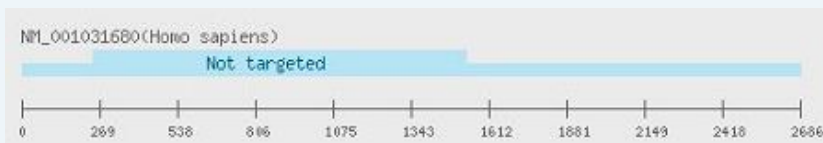
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001031680

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: [864](#)

Gene Name: RUNX3

Gene Alias: AML2,CBFA3,FLJ34510,MGC16070,PEBP2aC

Gene Description: runt-related transcription factor 3

Omim ID: [600210](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: OTTHUMP00000003370,OTTHUMP00000003371,PEA2 alpha C,PEBP2 alpha C,acute myeloid leukemia gene 2,core-binding factor, runt domain, alpha subunit 3,polyomavirus enhancer-binding protein 2 alpha C subunit,transcription factor AML2

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