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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CBFA2T3 Pre-design Chimera RNAi

Catalog # : H00000863-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens core-binding factor, runt domain, alpha subunit 2; translocated to, 3 (CBFA2T3), transcript variant 1, mRNA.

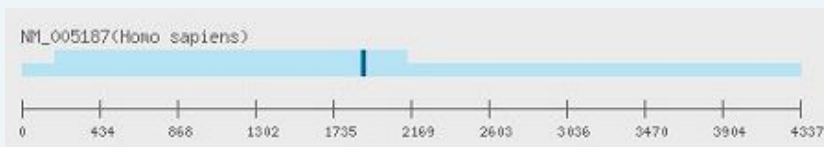
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_005187

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: [863](#)

Gene Name: CBFA2T3

Gene Alias: ETO2,MTG16,MTGR2,ZMYND4

Gene Description: core-binding factor, runt domain, alpha subunit 2; translocated to, 3

Omim ID: [603870](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The t(16;21)(q24;q22) translocation is a rare but recurrent chromosomal abnormality associated with therapy-related myeloid malignancies. The translocation produces a chimeric gene made up of the 5'-region of the AML1 gene fused to the 3'-region of this gene. In addition, this gene is a putative breast tumor suppressor. Two transcript variants encoding different isoforms have been found for this gene, and a brefeldin A-sensitive association of RIL-alpha protein with one of the isoforms has been demonstrated in the Golgi apparatus. [provided by RefSeq]

Other Designations: MTG8-related gene 2,myeloid translocation gene on chromosome 16,zinc finger MYND domain-containing protein 4

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