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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BMP8B Pre-design Chimera RNAi

Catalog # : H00000656-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens bone morphogenetic protein 8b (osteogenic protein 2) (BMP8B), mRNA.

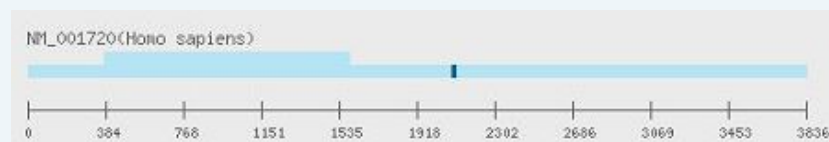
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001720

Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



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: [656](#)

Gene Name: BMP8B

Gene Alias: BMP8,MGC131757,OP2

Gene bone morphogenetic protein 8b

Description:

Omim ID: [602284](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development. In addition, the fact that this BMP is closely related to BMP5 and BMP7 has led to speculation of possible bone inductive activity. [provided by RefSeq]

Other Designations: OTTHUMP00000010836, bone morphogenetic protein 8 (osteogenic protein 2), bone morphogenetic protein 8B, dJ118J21.1 (bone morphogenetic protein 8 (osteogenic protein 2)), osteogenic protein 2

Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Hedgehog signaling pathway](#)
[TGF-beta signaling pathway](#)

Related Disease

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[Ovarian Failure, Premature](#) [Polycystic Ovary Syndrome](#) [Puberty, Delayed](#)
[Puberty, Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#) [Viremia](#)

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