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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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B2M Pre-design Chimera RNAi

Catalog # : H00000567-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens beta-2-microglobulin (B2M), mRNA.

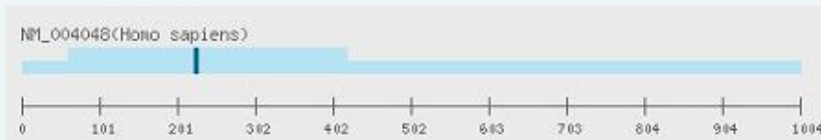
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_004048

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: [567](#)

Gene Name: B2M

Gene Alias: -

Gene beta-2-microglobulin

Description:

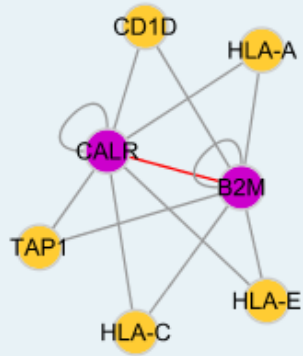
Omim ID: [109700](#), [241600](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia

Other Designations: beta chain of MHC class I molecules, beta-2-microglobulin

Interactome



Gene Pathway

[Antigen processing and presentation](#)

Related Disease

[Arthritis, Rheumatoid](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Disease](#) [Edema](#) [Gastritis](#) [Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Osteoarthritis](#) [Parkinson Disease](#) [Parkinson disease](#) [Stomach Neoplasms](#)