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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BUB1B Pre-design Chimera RNAi

Catalog # : H00000701-R02

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast) (BUB1B), mRNA.

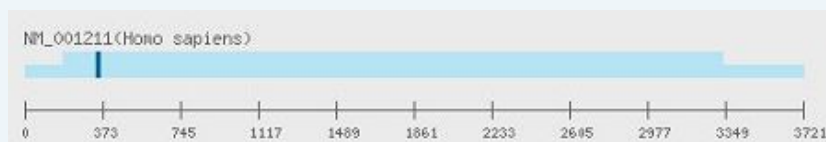
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001211

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: [701](#)

Gene Name: BUB1B

Gene Alias: BUB1beta,BUBR1,Bub1A,MAD3L,SSK1,hBUBR1

Gene budding uninhibited by benzimidazoles 1 homolog beta (yeast)

Description:

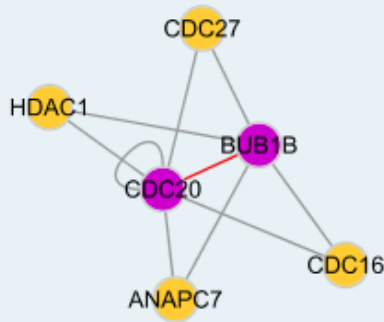
Omim ID: [114500](#), [602860](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer. [provided by RefSeq]

Other Designations: BUB1 budding uninhibited by benzimidazoles 1 homolog beta, MAD3/BUB1-related protein kinase, budding uninhibited by benzimidazoles 1, beta

Interactome



Gene Pathway

[Cell cycle](#)

Related Disease

[Adenocarcinoma](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Ductal, Breast](#) [Esophageal Neoplasms](#) [Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Lung Neoplasms](#) [Pulmonary Disease, Chronic Obstructive](#)