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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BUB1B Validated Chimera RNAi

Catalog # : H00000701-R01V

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

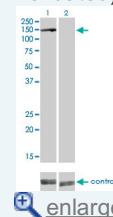
Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown (Antibody validated)

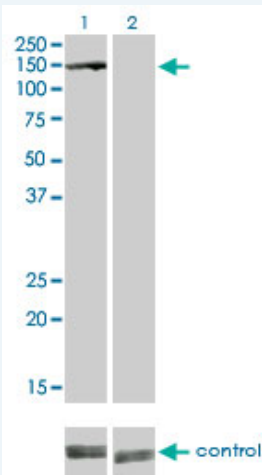


Publication Reference

- [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 (Antibody validated)



Western blot analysis of BUB1B over-expressed 293 cell line, cotransfected with BUB1B Validated Chimera RNAi (Cat # H00000701-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with BUB1B monoclonal antibody (M02) clone 2G5 (Cat # H00000701-M02). GAPDH (36.1 kDa) used as specificity and loading control.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [701](#)

Gene Name: BUB1B

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

Gene Description: budding uninhibited by benzimidazoles 1 homolog beta (yeast)

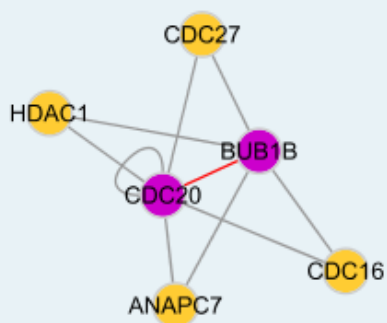
Omim ID: [114500](#), [602860](#)

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

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