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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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BCL2A1 Pre-design Chimera RNAi

Catalog # : H00000597-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens BCL2-related protein A1 (BCL2A1), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_004049

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: [597](#)

Gene Name: BCL2A1

Gene Alias: ACC-1,ACC-2,BCL2L5,BFL1,GRS,HBPA1

Gene BCL2-related protein A1

Description:

Omim ID: [601056](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators that are involved in a wide variety of cellular activities such as embryonic development, homeostasis and tumorigenesis. The protein encoded by this gene is able to reduce the release of pro-apoptotic cytochrome c from mitochondria and block caspase activation. This gene is a direct transcription target of NF-kappa B in response to inflammatory mediators, and is up-regulated by different extracellular signals, such as granulocyte-macrophage colony-stimulating factor (GM-CSF), CD40, phorbol ester and inflammatory cytokine TNF and IL-1, which suggests a cytoprotective function that is essential for lymphocyte activation as well as cell survival. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other hematopoietic BCL2-related protein A1

Designations:

Gene Pathway

[Metabolic pathways](#)

Related Disease

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[Lymphoma, Large B-Cell, Diffuse](#) [Lymphoproliferative Disorders](#) [Occupational Diseases](#)
[Waldenstrom Macroglobulinemia](#) [Werner syndrome](#)

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