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CBL Pre-design Chimera RNAi

Catalog # : H00000867-R01

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens Cas-Br-M (murine) ecotropic retroviral transforming sequence (CBL), mRNA.

Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_005188

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: [867](#)

Gene Name: CBL

Gene Alias: C-CBL,CBL2,RNF55

Gene Cas-Br-M (murine) ecotropic retroviral transforming sequence

Description:

Omim ID: [165360](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation. [provided by RefSeq]

Other Designations: oncogene CBL2

Gene Pathway

[Chronic myeloid leukemia](#) [Endocytosis](#) [ErbB signaling pathway](#) [Insulin signaling pathway](#) [Jak-STAT signaling pathway](#) [Pathways in cancer](#) [T cell receptor signaling pathway](#) [Ubiquitin mediated proteolysis](#)

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