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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRDM1 Validated Chimera RNAi

Catalog # : H00000639-R01V

規格 : [10 nmol] [20 nmol]

List All

Specification

Product Description: Homo sapiens PR domain containing 1, with ZNF domain (PRDM1), transcript variant 1, mRNA.

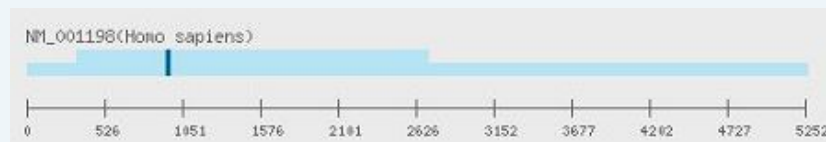
Reactivity: Human

Supplied Product: DEPC water

Target Refseq: NM_001198

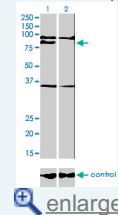
Storage Instruction: Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.

Note: Position of the Chimera RNAi.



Application Image

RNAi Knockdown (Antibody validated)

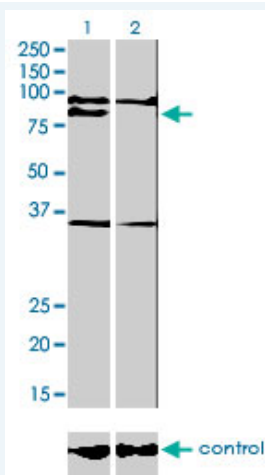


Publication Reference


- [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 PRDM1 over-expressed 293 cell line, cotransfected with PRDM1 Validated Chimera RNAi (Cat # H00000639-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PRDM1 monoclonal antibody (M01), clone 2B10 (Cat # H00000639-M01). GAPDH (36.1 kDa) used as specificity and loading control.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [639](#)

Gene Name: PRDM1

Gene Alias: BLIMP1,MGC118922,MGC118923,MGC118924,MGC118925,PRDI-BF1

Gene Description: PR domain containing 1, with ZNF domain

Omim ID: [603423](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a protein that acts as a repressor of beta-interferon gene expression. The protein binds specifically to the PRDI (positive regulatory domain I element) of the beta-IFN gene promoter. Transcription of this gene increases upon virus induction. Two alternatively spliced transcript variants that encode different isoforms have been reported. [provided by RefSeq]

Other Designations: B-lymphocyte-induced maturation protein 1,OTTHUMP00000016918,PR-domain zinc finger protein 1,PRDI-binding factor-1,beta-interferon gene positive-regulatory domain I binding factor,positive regulatory domain I-binding factor 1

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