



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## PRDM1 Pre-design Chimera RNAi

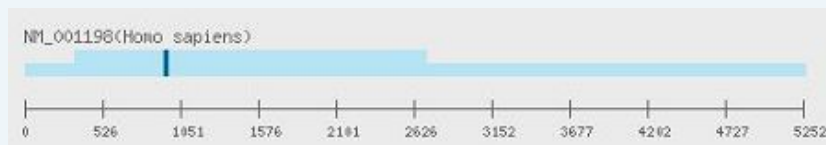
Catalog # : H00000639-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

<b>Product Description:</b>	Homo sapiens PR domain containing 1, with ZNF domain (PRDM1), transcript variant 1, mRNA.
<b>Reactivity:</b>	Human
<b>Supplied Product:</b>	DEPC water
<b>Target Refseq:</b>	NM_001198
<b>Storage Instruction:</b>	Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure product integrity.
<b>Note:</b>	Position of the Chimera RNAi. The related RNAi products listed below were designed from different accession number but sharing the same RNAi sequence.



### 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: [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

#### **Related Disease**

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