



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## B2M Validated Chimera RNAi

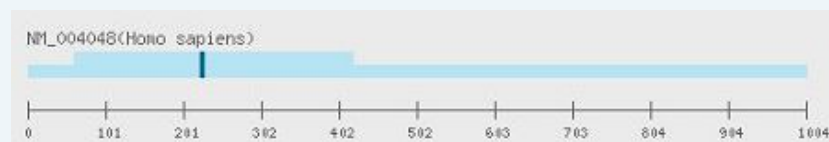
Catalog # : H00000567-R01V

規格 : [ 10 nmol ] [ 20 nmol ]

List All

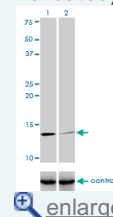
### Specification

<b>Product Description:</b>	Homo sapiens beta-2-microglobulin (B2M), mRNA.
<b>Reactivity:</b>	Human
<b>Supplied Product:</b>	DEPC water
<b>Target Refseq:</b>	NM_004048
<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.



### Application Image

RNAi Knockdown (Antibody validated)

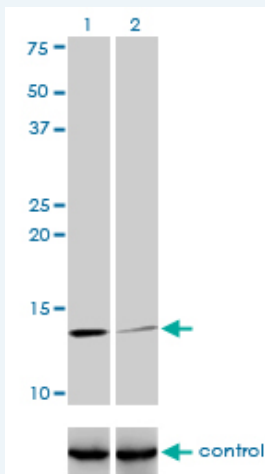


### Publication Reference

- [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 B2M over-expressed 293 cell line, cotransfected with B2M Validated Chimera RNAi ( Cat # H00000567-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with B2M monoclonal antibody (M01), clone 3F9-2C2 (Cat # H00000567-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

 [Protocol Download](#)

## Gene Information

**Entrez GeneID:** [567](#)

**Gene Name:** B2M

**Gene Alias:** -

**Gene Description:** beta-2-microglobulin

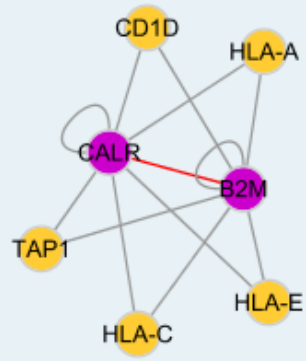
**Omim ID:** [109700](#), [241600](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia

**Other Designations:** beta chain of MHC class I molecules, beta-2-microglobin

## Interactome



### Gene Pathway

[Antigen processing and presentation](#)

### Related Disease

[Arthritis, Rheumatoid](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2 Disease](#) [Edema](#)  
[Gastritis](#) [Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Osteoarthritis](#)  
[Parkinson Disease](#) [Parkinson disease](#) [Stomach Neoplasms](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.