



# 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

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## GSR Validated Chimera RNAi

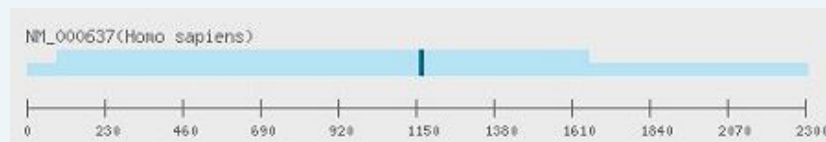
Catalog # : H00002936-R01V

規格 : [ 10 nmol ] [ 20 nmol ]

List All

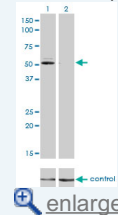
### Specification

<b>Product Description:</b>	Homo sapiens glutathione reductase (GSR), mRNA.
<b>Reactivity:</b>	Human
<b>Supplied Product:</b>	DEPC water
<b>Target Refseq:</b>	NM_000637
<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)

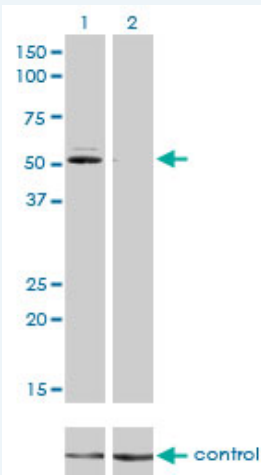


### Publication Reference

- 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 GSR over-expressed 293 cell line, cotransfected with GSR Validated Chimera RNAi ( Cat # H00002936-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with GSR monoclonal antibody (M01), clone 6B4 (Cat # H00002936-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [2936](#)

**Gene Name:** GSR

**Gene Alias:** MGC78522

**Gene Description:** glutathione reductase

**Omim ID:** [138300](#)

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

**Other Designations:** -

### Gene Pathway

[Glutathione metabolism](#)

### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Arsenic Poisoning](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Ductal, Breast](#) [Carcinoma, Lobular](#) [Cardiovascular Diseases](#) [Cognition](#) [Coronary Artery Disease](#) [Diabetes Mellitus, Type 2](#) [DNA Damage](#) [Edema](#) [Genetic Predisposition to Disease](#) [Kidney Failure, Chronic](#) [Lung Neoplasms](#) [Tobacco Use Disorder](#)