



# 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) 

## MSH6 Pre-design Chimera RNAi

Catalog # : H00002956-R01

規格 : [ 10 nmol ] [ 20 nmol ]

List All

### Specification

**Product** Homo sapiens mutS homolog 6 (E. coli) (MSH6), mRNA.

**Description:**

**Reactivity:** Human

**Supplied** DEPC water

**Product:**

**Target Refseq:** NM\_000179

**Storage** Store at -20°C, do not exceed 4 - 5 freeze-thaw cycles to ensure  
**Instruction:** 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:** [2956](#)

**Gene Name:** MSH6

**Gene Alias:** GTBP,HNPCC5,HSAP

**Gene** mutS homolog 6 (E. coli)

**Description:**

---

**Omim ID:** [600678](#)

---

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

---

**Gene Summary:** This gene encodes a protein similar to the MutS protein. In E. coli, the MutS protein helps in the recognition of mismatched nucleotides, prior to their repair. A highly conserved region of approximately 150 aa, called the Walker-A adenine nucleotide binding motif, exists in MutS homologs. The encoded protein of this gene combines with MSH2 to form a mismatch recognition complex that functions as a bidirectional molecular switch that exchanges ADP and ATP as DNA mismatches are bound and dissociated. Mutations in this gene have been identified in individuals with hereditary nonpolyposis colon cancer (HNPCC) and endometrial cancer. [provided by RefSeq]

---

**Other Designations:** G/T mismatch-binding protein,mutS homolog 6,sperm-associated protein

---

### Gene Pathway

---

[Colorectal cancer](#) [Mismatch repair](#) [Pathways in cancer](#)

### Related Disease

---

[Adenocarcinoma](#) [Adenoma](#) [Adenomatous Polyposis Coli](#) [Anticipation, Genetic](#)  
[Ataxia telangiectasia](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Papillary](#)  
[Chromosomal Instability](#) [Colon cancer](#) [Colonic Neoplasms](#) [Colonic Polyps](#)  
[Colorectal Neoplasms](#) [Colorectal Neoplasms, Hereditary Nonpolyposis](#)  
[Cystadenocarcinoma, Serous](#) [Disease Progression](#) [Duodenal Neoplasms](#)  
[Endometrial Neoplasms](#)

... see more

---

[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.