



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Datasheet

### SMARCA4 (Human) Recombinant Protein (Q01)

**Catalog Number:** H00006597-Q01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human SMARCA4 partial ORF ( NP\_003063, 1451 a.a. - 1550 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

LSPNPPNLTKMKMKIVDAVIKYKDSSSGRQLSEVFIQLP  
SRKELPEYYELIRKPVDFKIKERIRNHKYRSLNDLEKD  
VMLLCQNAQTFNLEGLIYEDS

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 36.74

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6597

**Gene Symbol:** SMARCA4

**Gene Alias:** BAF190, BRG1, FLJ39786, SNF2, SNF2-BETA, SNF2L4, SNF2LB, SWI2, hSNF2b

**Gene Summary:** The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of *Drosophila*. Members of this family have helicase and ATPase activities and are

thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]