



# 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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## Datasheet

### SMARCAL1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00050485-P01

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

**Product Description:** Human SMARCAL1 full-length ORF ( NP\_054859.2, 1 a.a. - 954 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSLPLTEEQRKKIEENRQKALARRAEKLLAEQHQRTS  
SGTSIAGNPFQAKQGSPSQNFPRESCKPVSHGVIFKQQ  
NLSSSSNADQRPHDSHSFQAKGIWKKPEEMPTACPG  
HSPRSQMALTGISPLAQSPPEVPKQQLLSYELGQGH  
AQASPEIRFTPFANPTHKPLAKPKSSQETPAHSSGQP  
PRDAKLEAKTAKASPSGQNIYHSSSESVTPRTEGRL  
QQKSGSSVQKGVNSQKKGKVRNGDRFQVLIGYNAELI  
AVFKTLPSKNYDPDTKTWNFSMNDYSALMKAQSLPT  
VNLQPLEWAYGSSESPSTSSEGGQAGLPSAPLSFVKG  
RCMLISRAYFEADISYSQDLIALFKQMDSTRRYDVKTRK  
WSFLLEEHSKLIKVRCLPQVQLDPLPTTLTAFASQLK  
KTSLSLTPDVPEADLSEVDPKLVSNLMPFQRAGVNF  
AKGGRLLLADDMGLGKTIQAICIAAFYRKEWPLLVVVP  
SSVRFTWEQAFRLWLPSPDCINVVVTGKDRLTAGLI  
NIVSFDLLSKLEKQLKTPFKVVIIDESHFLKNSRTARCR  
AAMPVLKVAKRIVLLSGTPAMSRPAELYTQIIAVKPTFF  
PQFHAFGLRYCDAKMPWGWWDYSGSSNLGELKLLLE  
EAVMLRRLKSDVLSQLPAKQRKIVVIAPGRINARTRAA  
DAAAKEMTTKDKTKQQKDALILFFNRATAEKIPSVIEY  
ILDLLESGREKFLVFAHHKVVLDAITQELERKHVQH  
GSTSSAEREDLCQQFQLSERHAVAVALSITAANMGLTF  
SSADLVVFAELFWNPGVLIQAEDRVHRIGQTSSVGIHY  
LVAKGTADDYLWPLIQEKIKVLAEAGLSETNFSEMTE  
TDYLYKDPKQKQKIYDLFQKSFKEGSDMELLEAAESFD  
PGSASGTSGSSSQNMGDTLDESSLTASPQKRRRFEF  
FDNWDSTFTSPL

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

**Theoretical MW (kDa):** 132.3

**Interspecies Antigen Sequence:** Mouse (71); Rat (73)

**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:** 50485

**Gene Symbol:** SMARCAL1

**Gene Alias:** HARP, HHARP

**Gene Summary:** The protein encoded by this gene is a member of the SWI/SNF family of proteins. 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 shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency. [provided by RefSeq]