



# 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

### SIRT4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00023409-P01

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

**Product Description:** Human SIRT4 full-length ORF ( NP\_036372.1, 1 a.a. - 314 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKMSFALTFRSAKGRWIANPSQPCSKASIGLFPASP  
PLDPEKVKELQRFITLSKRLVMTGAGISTESGIPDYRS  
EKVGLYARTDRRPIQHGFVRSAPIRQRYWARNFVG  
WPQFSSHQPNPAHWALSTWEKLGKLYWLVQNVDA  
HTKAGSRRLTELHGCMRVLCLDCGEQTPRGVLQER  
FQVLNPTWSAEAHGLAPDGDVFLSEEQVRSFQVPTC  
VQCGGHLKPDVFFGDTVNPDKVDFVHKRVKEADSL  
VVGSSLQVYSGYRIFILTAWEKKLPIAILNIGPTRSDDLA  
CLKLNSRCGELLPLIDPC

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

**Theoretical MW (kDa):** 61.6

**Interspecies Antigen Sequence:** Mouse (87); Rat (85)

**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:** 23409

**Gene Symbol:** SIRT4

**Gene Alias:** MGC130046, MGC130047, MGC57437, SIR2L4

**Gene Summary:** This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class IV of the sirtuin family. [provided by RefSeq]