



# 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

### SOX2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006657-P01

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

**Product Description:** Human SOX2 full-length ORF (AAH13923, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MYNMMETELKPPGPQQTSGGGGNSTAAAAGGNQK  
NSPDRVKRPMNAFMVWSRGHRRKMAQENPKMHNSE  
ISKRLGAEWKLLSETEKRPFIDEAKRLRALHMKEHPDY  
KYRPRRKTkTLMKKDKYTLPGLLAPGGNSMASGVG  
VGAGLGAGVNQRMDSYAHMNGWSNGSYSMMQDQL  
GYPQHPGLNAHGAAQMMPHRYDVSALQYNSMTSS  
QTYMNGSPTYSMSYSQQGTPGMALGSMGSVVKSEA  
SSSPPVVTSSSHSRAPCQAGDLRDMISMYPGAEVPE  
PAAPSRLHMSQHYQSGPVPGTAINGLPLSHM
```

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

**Theoretical MW (kDa):** 60.61

**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:** 6657

**Gene Symbol:** SOX2

**Gene Alias:** ANOP3, MCOPS3, MGC2413

**Gene Summary:** This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). [provided by RefSeq]