



# SZABO SCANDIC

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## 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

### SOX10 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006663-P01

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

**Product Description:** Human SOX10 full-length ORF ( NP\_008872.1, 1 a.a. - 466 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAEEQDLSEVELSPVGSEEPRLSPGSAPSLGPDGG  
GGGSLRASPGPGLGKVKKEQQDGEADDDKFPVCI  
REAVSQVLSGYDWTLVPMPVVRVNGASKSKPHVKRPM  
NAFMVWAQAARRKLADQYPHLHNAELSKTLGKLWRL  
LNESDKRPFIEEAERLRMQHKKDHPDYKYQPRRRKN  
GKAAQGEAECPGGEAEQGGTAAIQAHYKSAHLDHRH  
PGEPSMSDGNPEHPGQSHGPPTPPTPKTELQSG  
KADPKRDGRSMGEGGKPHIDFGNVDIGEISHEVMSNM  
ETFDVAELDQYLPPNGHPGHVSSYSAAGYGLGSALAV  
ASGHSAWISKPPGVALPTVSPPGVDAKAQVKTETAGP  
QGPPHYTDQPSTSQIAYTSLSLPHYGSAPPSISRPQFD  
YSDHQPSGPPYGHSGQASGLYSAFSYMGPSQRPLYT  
AISDPSPSGPQSHSPHWEQPVYTTLSRP

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

**Theoretical MW (kDa):** 76.3

**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:** 6663

**Gene Symbol:** SOX10

**Gene Alias:** DOM, MGC15649, WS2E, WS4

**Gene Summary:** This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq]