



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### TBX5 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006910-P01

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

**Product Description:** Human TBX5 full-length ORF (AAH27942.1, 1 a.a. - 518 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MADADEGFGLAHTPLEPDAKDLPCDSKPESALGAPSK  
SPSSPQAAFTQQGMEGIKVFLLHERELWLKFHEVGTEM  
IITKAGRRMFPSYKVKVTGLNPKTKYILLMDIVPADDHR  
YKFADNKWSVTGKAEPAMPGRLYVHPDSPATGAHW  
MRQLVSFQKLKLTNNHLDPFGHIILNSMHKYQPRHLIV  
KADENNGFGSKNTAFCTHVFPETAFAIVTSYQNHKITQ  
LKIENNPFAKGFGRGSDMELHRMSRMQSKEYPVVPR  
STVRQKVASNHSPFSSESALSTSSNLGSQYQCENG  
VSGPSQDLLPPPNPYPLPQEHSQIYHCTKRKEEEECST  
TDHPYKKPYMETSPSEEDSFYRSSYPQQQGLGASYR  
TESAQRQACMYASSAPPSEPVPSLEDISCNTWPSMPS  
YSSCTVTTVQPMDRLPYQHFSAHFTSGPLVPRLAGMA  
NHGSPQLGEGMFQHQTSVAHQPVVRQCGPQTGLQS  
PGTLQPPEFLYSHGVPRTLSPHQYHSVHGVMVPEW  
SDNS

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

**Theoretical MW (kDa):** 84.1

**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:** 6910

**Gene Symbol:** TBX5

**Gene Alias:** HOS

**Gene Summary:** This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]