



# 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

### TOB1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00010140-P01

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

**Product Description:** Human TOB1 full-length ORF ( NP\_005740.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MQLEIQVALNFIISYLYNKLP RRRVNI FGEELERLLK KKY  
EGHWYPEKPYKSGFR CIHIGEKVDPVIEQASKESGL  
DIDDVRGNLPQDLSVWIDPFEVSYQIGEKGPVKVLYVD  
DNNENGCELDKEIKNSFNPEAQVFMPI SDPASSVSSS  
PSPFFGHSAAVSPTFM PRSTQPLTFTTATFAATKFGST  
KMKNSGRSNKVARTSPINLGLNVNDLLKQKAISSSMH  
SLYGLGLGSQQQPQQQQPAQPPPPPPPPQQQQQ  
KTSALSPNAKEFIFPNMQGQSSTNGMFP GDSPLNLS  
PLQYSNAFDVFAAYGGLNEKSFVDGLN FSLNMQYSN  
QQFQPVMAN

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

**Theoretical MW (kDa):** 64.6

**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:** 10140

**Gene Symbol:** TOB1

**Gene Alias:** APRO6, MGC104792, MGC34446, PIG49, TOB, TROB, TROB1

**Gene Summary:** This gene encodes a member of the tob/btg1 family of anti-proliferative proteins that have the potential to regulate cell growth. When exogenously expressed, this protein suppresses cell growth in tissue culture. The protein undergoes phosphorylation by a serine/threonine kinase, 90 kDa ribosomal S6 kinase. Interactions of this protein with the v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 gene product p185 interferes with growth suppression. This protein inhibits T cell proliferation and transcription of cytokines and cyclins. The protein interacts with both mothers against decapentaplegic Drosophila homolog 2 and 4 to enhance their DNA binding activity. This interaction inhibits interleukin 2 transcription in T cells. [provided by RefSeq]