



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



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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

### TRNT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00051095-P01

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

**Product Description:** Human TRNT1 full-length ORF (AAH12537, 1 a.a. - 405 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKLQSPEFQSLFTEGLKSLTELFVKENHELRIAGGAVR  
DLLNGVKPQDIDFATTATPTQMKEMFQSAGIRMINNR  
GEKHGTITARLHEENFEITTLRIDVTTDGRHAEVEFTTD  
WQKDAERRDLTINSMFLGFDGTLFDYFNGYEDLKNKK  
VRFVGHAKQRIQEDYLRLRYFRFYGRIVDKPGDHDPE  
TLEAIAENAKGLAGISGERIWVELKKILVGNHVNHLIHLI  
YDLDVAPYIGLPANASLEEFDKVSKNVDGFSKPKVTLL  
ASLFKVQDDVTKDLRLKIAKEEKNLGLFIVKNRKDLIK  
ATDSSDPLKPYQDFIIDSREPDATTRVCELLKYQGEHC  
LLKEMQQWSIPPPVSGHDIRKVGISSGKEIGALLQQL  
REQWKKSGYQMEKDELLESIYIKKT

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

**Theoretical MW (kDa):** 70.29

**Interspecies Antigen Sequence:** Mouse (94)

**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:** 51095

**Gene Symbol:** TRNT1

**Gene Alias:** CCA1, CGI-47, MtCCA

**Gene Summary:** The CCA-adding enzyme TRNT1 (EC 2.7.7.25) is an essential enzyme that catalyzes the addition of the CCA terminus to the 3-prime end of tRNA precursors. This reaction is a fundamental prerequisite for mature tRNAs to become aminoacylated and to participate in protein biosynthesis (Lizano et al., 2007 [PubMed 17204286]).[supplied by OMIM]