



# 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

### TSMF (Human) Recombinant Protein (P01)

**Catalog Number:** H00010102-P01

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

**Product Description:** Human TSMF full-length ORF ( NP\_005717.2, 1 a.a. - 346 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSLLRSLRVFLVARTGSYPAGSLLRQSPQPRHTFYAG  
PRLSASASSKELLMKLRRTGYSFVNCKKALETGGD  
LKQAEIWLHKEAQKEGWSKAAKLQGRKTK EGLIGLLQ  
EGNTTVLVEVNCETDFVSRNLKFQLLVQQVALGTM MH  
CQTLKDQPSAYSQVWLTPVNLALWEAEAGGSLEGF  
LNSSLSGLPAGPDREGSLKDQLALAIGKLG ENMILKR  
AAWVKVPSGFYVGSYVHGAMQSPSLHKLVLGKY GAL  
VICETSEQKTNLEDVGRRLGQHVVGMAPLSVGS LDDE  
PGGEAETKMLSQPYLLDPSITLGQYVQPQGVSVVDFV  
RFECGEGEEAAETE

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

**Theoretical MW (kDa):** 64.1

**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:** 10102

**Gene Symbol:** TSMF

**Gene Alias:** COXPD3, EF-TS, EF-Tsmt

**Gene Summary:** Synthesis of the 13 mitochondrial-encoded proteins occurs on a dedicated mitochondrial translation apparatus similar to that found in prokaryotes and requires, in addition to the tRNAs and rRNAs encoded in mtDNA, the concerted action of several translation factors and a large number of mitochondrial ribosomal proteins, all of which are encoded by nuclear genes. The TSMF gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM]