



# 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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## TSFM monoclonal antibody (M02), clone 1A2

Catalog # : H00010102-M02

規格 : [ 100 ug ]

[List All](#)

### Specification

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant TSFM.

**Immunogen:** TSFM (NP\_005717.2, 161 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:** KVQWLTPVNLALWEAEAGGSLEGFLNSELSSGLPAGPDREGSLKDQLA  
LAIGKLGEMILKRAAWVKVPSGFYVGSYVHGAMQSPSLHKLVLGKYGA  
LVI

**Host:** Mouse

**Reactivity:** Human

**Isotype:** IgG1 Kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.

**Storage Buffer:** In 1x PBS, pH 7.4

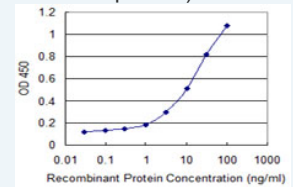
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Application Image

Sandwich ELISA (Recombinant protein)

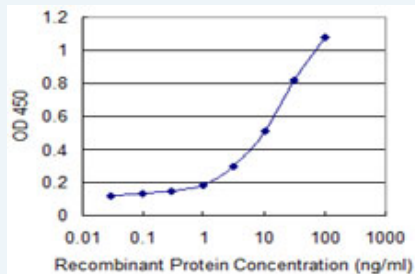


 [enlarge](#)

ELISA

### Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged TSFM is 0.3 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

### Gene Information

**Entrez GeneID:** [10102](#)

**GeneBank Accession#:** [NM\\_005726](#)

**Protein Accession#:** [NP\\_005717.2](#)

**Gene Name:** TSFM

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

**Gene Description:** Ts translation elongation factor, mitochondrial

**Omim ID:** [604723](#), [610505](#)

**Gene Ontology:** [Hyperlink](#)

**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 TSFM gene encodes a mitochondrial translation elongation factor (Smeitink et al., 2006 [PubMed 17033963]).[supplied by OMIM]

**Other Designations:** -

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