



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### MBTPS1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00008720-P01

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

**Product Description:** Human MBTPS1 full-length ORF (AAH26330.1, 1 a.a. - 552 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKLVNIWLLLLLVLLCGKKHLGDRLEKKSFEKAPCPGC  
SHLTLKVEFSSTVVEYEVAFNGYFTAKARNSFISSAL  
KSSEVDNWRIIPRNNPSSDYPDFEVIQIKEKQKAGLLT  
LEDHPNIKRVTPQRKVFRLSKYAESDPTVPCNETRWS  
QKWQSSRPLRRASLSLGSFWHATGRHSSRLLRAI  
PRQVAQTLQADVLWQMGYTGANVRVAVFDTGLSEKH  
PHFKNVKERTNWTNERTLDDGLGHGTFVAGVIASMRE  
CQGFAPDAELHIFRVFTNNQVSYASWFLDAFNAILKK  
IDVLNLSIGGPDFMDHPFVDKVVWELTANNVIMVSAIGN  
DGPLYGTLNPNADQMDVIGVGGIDFEDNIARFSSRGM  
TTWELPGGYGRMKPDIVTYGAGVRGSGVKGGCRALS  
GTSVASPVVAGAVTLLVSTVQKRELVNPASMKQALIAS  
ARRLPGVNMFEQGHGKLDLLRAYQILNSYKPQASLSP  
SYIDLTECPYMWPYCSQPIYYGGMPTVVNVNVTILNGMG  
VTGRIVDKPDWQPYPQNGDNIEVAFSYS

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

**Theoretical MW (kDa):** 87.7

**Interspecies Antigen Sequence:** Mouse (96)

**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:** 8720

**Gene Symbol:** MBTPS1

**Gene Alias:** KIAA0091, MGC138711, MGC138712, PCSK8, S1P, SKI-1

**Gene Summary:** The encoded protein has a central role in the regulation of lipid metabolism in cells. It is a sterol-regulated subtilisin-like serine protease that cleaves ER membrane-bound sterol regulatory element-binding proteins (SREBPs), a reaction that initiates the two-step proteolytic process by which transcriptionally active fragments of SREBPs are released from the membrane for translocation to the nucleus. The gene product is an integral membrane ER protein, with the bulk located in the ER lumen. It is synthesized as an inactive preproprotein that is self-activated by an intramolecular cleavage that generates the mature protein. [provided by RefSeq]