



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### BAT1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00007919-P01

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

**Product Description:** Human BAT1 full-length ORF (AAH00361, 1 a.a. - 428 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAENDVDNELLDYEDDEVETAAGGDGAEAPAKKDVK  
GSYVSIHSSGFRDFLLKPELLRAIVDCGFEHPSEVQHE  
CIPQAILGMDVLCQAKSGMGKTAVFVLATLQQLPVTG  
QVSVLVMCHTRELAFQISKEYERFSKYMPNVKVAVFF  
GGLSIKKDEEVLKKNCPHIVVGTGRILALARNKSLNLK  
HIKHFILDECDKMLEQLDMRRDVQEIFRMPHEKQVM  
MFSATLSKEIRPVCVKFMQDPMEIFVDDETKLTLLHGLQ  
QYYVKLKDNEKNRKLFDLLDVLEFNQVVIFVKSVQRCI  
ALAQLLVEQNFPAAIAIHRGMPQEERLSRYQQFKDFQR  
RILVATNLFGRGMDIERVNIAFNYPEDSDTYLHRVA  
RAGRFGTKGLAITFVSDENDAKILNDVQDRFEVNISEL  
PDEIDISSYIEQTR

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

**Theoretical MW (kDa):** 72.82

**Interspecies Antigen Sequence:** Mouse (99); Rat (99)

**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:** 7919

**Gene Symbol:** BAT1

**Gene Alias:** D6S81E, DDX39B, UAP56

**Gene Summary:** This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and also plays an important role in mRNA export from the nucleus to the cytoplasm. A cluster of genes, BAT1-BAT5, is localized in the vicinity of the genes for TNF alpha and TNF beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]