



# 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

### ABCB7 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000022-P01

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

**Product Description:** Human ABCB7 full-length ORF (AAH06323, 39 a.a. - 753 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

PQWRPHQLGALGTARAYQQIPESLKSITWQRLGKGN  
GQFLDAAKALQVWPLIEKRTCWHGHAGGGLHTDPKE  
GLKDVDRKIIKAMLSYVWPKDRPDLRARVAISLGLG  
GAKAMNIVVPMFKYAVDSLQMSGNMLNLSAPNTV  
ATMATAVLIGYGVSRAGAAFFNEVRNAVFGKVAQNSI  
RRIAKNVFLHLHNLDLGFHLSRQTGALSKAIDRGTRGIS  
FVLSALVFNLLPIMFEVMLVSGVLYYKCGAQFALVTLG  
TLGTYAFTVAVTRWRTRFRIEMNKADNDAGNAIDSL  
LNYETVKYFNENERYEAQRYDGFLLKTYETASLKSTSTLA  
MLNFGQSAIFSVGLTAIMVLASQGIVAGTLTVGDLVMV  
NGLLFQLSLPLNFLGTVYRETRQALIDMNTLFTLLKVD  
TIKDKVMASPLQITPQTATVAFDNVHFYIEGQKVLVSGI  
SFEVPAGKKVAIVGGSGSGKSTIVRLLFRFYEPQKGS  
YLAGQNIQDVSLESLRAVGVVPPQDAVLFHNTIYYNLL  
YGNISASPEEVYAVAKLAGLHDAILRMPHGYDTQVGE  
RGLKLSGGQKQVVAIARAILKDPPIVLYDEATSSLD  
SIT EETILGAMKDVVKHRTSIFIAHRLSTVVDAD  
EIIIVLDQGG VAERGTTHGLLANPHSIYSEM  
WHTQSSRVQNHDPK WEAKKENISKEEERK  
KLQEEIVNSVKGCGNCSC

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

**Theoretical MW (kDa):** 104.39

**Interspecies Antigen Sequence:** Mouse (93)

**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:** 22

**Gene Symbol:** ABCB7

**Gene Alias:** ABC7, ASAT, Atm1p, EST140535

**Gene Summary:** The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a half-transporter involved in the transport of heme from the mitochondria to the cytosol. With iron/sulfur cluster precursors as its substrates, this protein may play a role in metal homeostasis. Mutations in this gene have been implicated in X-linked sideroblastic anemia with ataxia. [provided by RefSeq]