



# 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

### BTK (Human) Recombinant Protein (P01)

**Catalog Number:** H00000695-P01

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

**Product Description:** Human BTK full-length ORF ( NP\_000052.1, 1 a.a. - 659 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAAVILESIFLKRSQQKKKTSPNFKKRLFLLTVHKLSY  
YEYDFERGRGSKKGSIDVEKITCVETVVPEKNPPPER  
QIPRRGEESSEMEQISIERFPYPFQVVYDEGPLYVFSF  
TEELRKRWIHQKLVIRYNSDLVQKYHPCFWIDGQYL  
CCSQTAKNAMGCQILENRNGSLKPGSSHRKTKKPLPP  
TPEEDQILKKPLPPEPAAAPVSTSELKKVVALYDYMPM  
NANDLQLRKGDEYFILEESNLPWWRARDKNGQEGYIP  
SNYVTEAEDSIEMYEWYSKHMTRSQAELLKQEGKE  
GGFIVRDSSKAGKYTVSVFAKSTGDPQGVIRHYVVCS  
TPQSQYYLAEKHLFSTIPELINYHQHNSAGLISRLKYPV  
SQQKNAPSTAGLGYGSWEIDPKDLTFLKELGTGQFG  
VVKYGKWRGQYDVAIKMIKEGSMSEDEFIEEAKVMMN  
LSHEKLVQLYGVCTKQRPIFIITEYMANGCLLNLYREM  
RHRFQTQQLLEMCKDVCEAMEYLESKQFLHRDLAAR  
NCLVNDQGVVKVSDFGLSRYVLDDEYTSSVGSKFPVR  
WSPPEVLMYSKFSSKSDIWAFGVLMWEIYSLGKMPYE  
RFTNSETAEHIAQGLRLYRPHLASEKVYTIMYSCWHEK  
ADERPTFKILLSNILDVMDEES

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

**Theoretical MW (kDa):** 98.12

**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:** 695

**Gene Symbol:** BTK

**Gene Alias:** AGMX1, AT, ATK, BPK, IMD1, MGC126261, MGC126262, PSCTK1, XLA

**Gene Summary:** The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. [provided by RefSeq]