



# 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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## Datasheet

### GTPBP4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00023560-P01

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

**Product Description:** Human GTPBP4 full-length ORF ( NP\_036473.2, 1 a.a. - 634 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAHYNFKKITVPSAKDFIDLTLSKTQRKTPTVIHKHYQ  
IHRIRHFYMRKVKFTQQNYHDRLSQILTDFPKLDDIHPF  
YADLMNILYDKDHYKLALGQINIAKNLVDNVAKDYVRL  
MKYGDSLVRCKQLKRAALGRMCTVIKRQKQSLEYLEQ  
VRQHLSRLPTIDPNRTRLLLCGYPNVGKSSFINKVTRA  
DVDVQPYAFTTKSLFVGHMDYKYLRWQVVDTPGILDH  
PLEDRNTIEMQAITALAHRAAVLYVMDLSEQCGHGLR  
EQLELFQNIPLFINKPLIVVANKCDVKRIAELSEDDQKI  
FTDLQSEGFPVIETSTLTEEGVIKVKTEACDRLLAHRVE  
TKMKGNKVNEVLNRLHLAIPTRRDDKERPPFIPEGVVA  
RRKRMETESRKKRERDLELEMGGDYILDQKYWDL  
MNLSEKHDKIPEIWEGHNIADYIDPAIMKKLEELEKEEE  
LRTAAGEYDSVSESEDEEMLEIRQLAKQIREKKKLE  
SKEKNTQGPRMPRTAKKVQRTVLEKEMRSLGVDMD  
KDDAHYAVQARRSRISITRKRKREDSAPPSSVARSGSC  
SRTPRDVSGLRDVKMVKKAKTMMKNAQKMMNRLGKK  
GEADRHVFDMPKPKHLLSGKRKAGKKDRR

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

**Theoretical MW (kDa):** 100.4

**Interspecies Antigen Sequence:** Mouse (95)

**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:** 23560

**Gene Symbol:** GTPBP4

**Gene Alias:** CRFG, FLJ10686, FLJ10690, FLJ39774, NGB, NOG1

**Gene Summary:** GTP-binding proteins are GTPases and function as molecular switches that can flip between two states: active, when GTP is bound, and inactive, when GDP is bound. 'Active' in this context usually means that the molecule acts as a signal to trigger other events in the cell. When an extracellular ligand binds to a G-protein-linked receptor, the receptor changes its conformation and switches on the trimeric G proteins that associate with it by causing them to eject their GDP and replace it with GTP. The switch is turned off when the G protein hydrolyzes its own bound GTP, converting it back to GDP. But before that occurs, the active protein has an opportunity to diffuse away from the receptor and deliver its message for a prolonged period to its downstream target. [provided by RefSeq]