



# 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

### GAB2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00009846-P01

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

**Product Description:** Human GAB2 full-length ORF ( NP\_536739.1, 1 a.a. - 676 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSGGGDVVCTGWLRKSPPEKLRRYAWKKRWFILRS  
GRMSGDPDVLEYYKNDHSHKPLRIINLNFCEQVDAGL  
TFNKKELQDSFVFDIKTERTFYLVAEETEEDMNKVVQ  
SICQICGFNAEESTDSLNRNVSSAGHGPRSSPAELSS  
SSQHLLRERKSSAPSHSSQPTLFTFEPVSNHMQPTL  
STSAPQEYLYLHQCISRAENARSASFSGTRASFML  
RSDTAVQKLAQGNHCVNGISGQVHGFYSLPKPSRH  
NTEFRDSTYDLPRSLASHGHTKGS�TGSETDNEDVYT  
FKTPSNTLCREFGDLVDNMDVPATPLSAYQIPRTFTL  
DKNHNAMTVATPGDSAIAPPPRPPKPSQAETPRWGS  
PQQRPISENSRSVAATIPRRNTLPAMDNSRLHRASS  
CETYEYPQRRGGESAGRSAESMSDGVGSFLPGKMIVG  
RSDSTNSEDNYVPMNPGSSTLLAMERAGDNSQSIVYI  
MSPGAHHFDSLGYPTTLPVHRGSRGSEIQPPPVNR  
NLKPDRKAKPTPLDLRNNTVIDELPFKSPITKSWSRAN  
HTFNSSSSQYCRPISTQSITSTDSGDSEENYVPMQNP  
VSASPVPSGTNSPAPKKSTGSVDYLALDFQPSSPSPH  
RKPSTSSVTSDEKVDYVQVDKEKTQALQNTMQEWTD  
VRQSSEPSKGAKL

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

**Theoretical MW (kDa):** 100.9

**Interspecies Antigen Sequence:** Mouse (91); Rat (91)

**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:** 9846

**Gene Symbol:** GAB2

**Gene Alias:** KIAA0571

**Gene Summary:** This gene is a member of the GRB2-associated binding protein (GAB) gene family and is similar to the GAB1 gene. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq]