



# 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

### STAT4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006775-P01

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

**Product Description:** Human STAT4 full-length ORF (AAH31212, 1 a.a. - 748 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSQWNQVQQLEIKFLEQVDQFYDDNFPMEIRHLLAQ  
WIENQDWEAASNNETMATILLQNLLIQLDEQLGRVSKE  
KNLLLIHNLKRIRKVLQGKFHGNPMHVAVVISNCLREE  
RRILAAANMPVQGPLEKSLQSSVSERQRNVEHKVAA  
IKNSVQMTEQDTKYLEDLQDEFDYRYKTIQTMDQSDK  
NSAMVNQEVLTLEMLNSLDFKRKEALSKMTQIIHETD  
LLMNTMLIEELQDWKRRQIACIGGPLHNGLDQLQNC  
FTLLAESLFQLRRQLEKLEEQSTKMTYEGDPIPMQRTH  
MLERVTFLLIYNLFKNSFVVERQPCMPHPQRPLVLKTLI  
QFTVKLRLLIKLPELNYQVKVKASIDKNVSTLSNRRFVL  
CGTNVKAMSIEESSNGSLSVEFRHLQPKEMKSSAGGK  
GNEGCHMVTEELHSITFETQICLYGLTIDLETSSLPVVM  
ISNVSQLPNAWASIIWYNVSTNDSQNLVFFNPPATL  
SQLLEVMSWQFSSYVGRGLNSDQLHMLAEKLTVQSS  
YSDGHLTWAKFCKEHLPGKSFTFWTWLEAILDLIKKHI  
LPLWIDGYVMGFVSKEKERLLLKDKMPGTFLLRFSESH  
LGGITFTWVDHSESGEVRFHVSVEPYNKGRLSALPFADI  
LRDYKVIMAENIPENPLKYLYPDIPKDKAFGKHYSSQP  
CEVSRPTERGDKGYVPSVFIPISTIRSDSTEPHSPDLL  
PMSPSVYAVLRENLSPTTIETAMKSPYSAE

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

**Theoretical MW (kDa):** 108.02

**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:** 6775

**Gene Symbol:** STAT4

**Gene Alias:** SLEB11

**Gene Summary:** The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. [provided by RefSeq]