



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## STAT5B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00006777-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

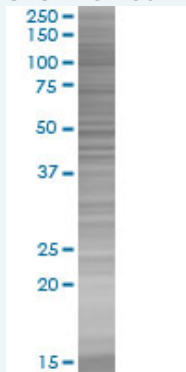
**Plasmid:** pCMV-STAT5B full-length

**Host:** Human

**Theoretical MW (kDa):** 44.9

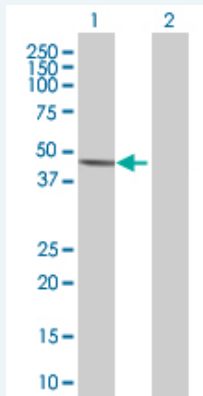
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-STAT5B antibody ([H00006777-B01](#)) by Western Blots.

#### SDS-PAGE Gel



STAT5B transfected lysate.

#### Western Blot



Lane 1: STAT5B transfected lysate ( 44.9 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [6777](#)

GeneBank Accession#: [BC020868.1](#)

Protein Accession#: =

Gene Name: STAT5B

Gene Alias: STAT5

Gene Description: signal transducer and activator of transcription 5B

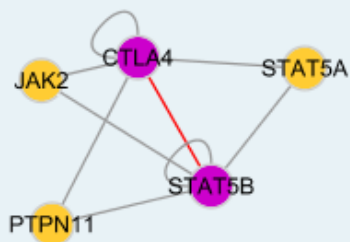
Omim ID: [245590](#), [604260](#)

Gene Ontology: [Hyperlink](#)

**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 mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL. [provided by RefSeq]

Other Designations: transcription factor STAT5B

### Interactome



## Gene Pathway

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[Acute myeloid leukemia](#) [Chemokine signaling pathway](#) [Chronic myeloid leukemia](#)  
[ErbB signaling pathway](#) [Jak-STAT signaling pathway](#) [Pathways in cancer](#)

## Related Disease

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