



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

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Information

Description:	Recombinant STAT5B (signal transducer and activator of transcription 5B), full-length encompassing amino acids 2-787(end). This construct contains an N-terminal FLAG-tag. The recombinant protein was affinity purified.
Background:	Signal transducer and activator of transcription 5 (STAT5) includes the highly related proteins STAT5A and STAT5B. These transcription factors relay cytokine-induced signals from the membrane to the nucleus, regulating the expression of hundreds of specific target genes. Cytokine or growth factor binding to its receptor activates a kinase of the JAK (Janus Kinase) family, which then phosphorylates STAT5 to trigger its dimerization and nuclear translocation. STAT5 is involved in the development and function of B and T cells. Constitutive phosphorylation of STAT5 is often observed in cancer. The use of inhibitors of the JAK/STAT pathways are potential candidates for the treatment of inflammation related diseases.
Species:	Human
Construct:	STAT5b (FLAG-2-787(end))
Concentration:	0.61 mg/ml
Expression System:	Sf9
Purity:	≥90%
Format:	Aqueous buffer solution.
Formulated In:	40 mM Tris-HCl, pH 8, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween-20, 0.5 mM TCEP, and 20% Glycerol
MW:	91 kDa
Genbank Accession:	NM_012448.4
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Applications:	Useful for SDS-PAGE.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

