



# 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

### JAK3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003718-P01

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

**Product Description:** Human JAK3 full-length ORF (AAH28068, 1 a.a. - 619 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAPPSEETPLIPQRSCSLLSTEAGALHVLLPARGPGPP  
QRLSFSFGDHLAEDLCVQAAKASGILPVYHSLFALATE  
DLSCWFPPSHIFSVEDASTQVLLYRIRFYFPNWFGLEK  
CHRFGRLKDLASAILDLPVLEHLFAQHRSDLVSGRLPV  
GLSLKEQGECLSLAVLDLARMAREQAQRPGELLKTVS  
YKACLPPSLRDLIQGLSFVTRRRIRRTVRRALRRVAAC  
QADRHSLMAKYIMDLERLDPAGAAETFHVGLPGALGG  
HDGLGLLRVAGDGGIAWTQGEQEVLPFCDFPEIVDI  
SIKQAPRVGPAGEHRLVTVTRTDNQILEAEFPGLPEAL  
SFVALVDGYFRLTTDSQHFFCKEVAPPRLLEEVAEQC  
HGPITLDFAINKLKTGSRPGSYVLRSPQDFDSFLLT  
VCVQNPLGPDYKGCLIRRSPTGTFLVGLSRPHSSLRE  
LLATCWDGGLHVDGVAVTLTSCCIPRPKEKSNLIVVQR  
GHSPTSSLVQPQSQYQLSQMTFHKIPADSLEWHENL  
GHGSFTKIYRGCRHEVVDGEARKTEVLLKVMDAKHKN  
CMESFLEAASLMSQVSYRHLVLLHGVCMAGDSESP  
PTHPTPASPksRlFFPPLF

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

**Theoretical MW (kDa):** 93.83

**Interspecies Antigen Sequence:** Mouse (81); Rat (80)

**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:** 3718

**Gene Symbol:** JAK3

**Gene Alias:** JAK-3, JAK3\_HUMAN, JAKL, L-JAK, LJAK

**Gene Summary:** The protein encoded by this gene is a member of the Janus kinase (JAK) family of tyrosine kinases involved in cytokine receptor-mediated intracellular signal transduction. It is predominantly expressed in immune cells and transduces a signal in response to its activation via tyrosine phosphorylation by interleukin receptors. Mutations in this gene are associated with autosomal SCID (severe combined immunodeficiency disease). [provided by RefSeq]