



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### FOXP3 (Human) Recombinant Protein (P02)

**Catalog Number:** H00050943-P02

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

**Product Description:** Human FOXP3 full-length ORF ( NP\_054728.2, 1 a.a. - 431 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPNPRPGKPSAPSLALGSPGASPSWRAAPKASDLL  
GARGPGGTFQGRDLRGGAHASSSSLNPMPPSQLQLP  
TLPLVMVAPSGARLGPLPHLQALLQDRPHFMHQLSTV  
DAHARTPVLQVHPLESPAMISLTPPTTATGVFSLKARP  
GLPPGINVASLEWVSRECALLCTFPNPSAPRKDSTLSA  
VPQSSYPLLAVGVCKWPGCEKVFEEPEDFLKHQCQAD  
HLLDEKGRAQCLLQREMVSLEQQLVLEKEKLSAMQA  
HLAGKMLTKASSVASSDKGSCCIVAAGSQGPVVA  
WSGPREADSLFAVRRHLWVSHGNSTFPEFLHNMDY  
FKFHNMRPPFTYATLIRWAILEAPEKQRTLNEIYHWFT  
RMFAFFRNHPATWKNAIRHNLHLKCFVRVESEKGA  
WTVDELEFRKKRSQRPSRCSNPTPGP

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

**Theoretical MW (kDa):** 73.6

**Interspecies Antigen Sequence:** Mouse (86); Rat (86)

**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:** 50943

**Gene Symbol:** FOXP3

**Gene Alias:** AIID, DIETER, IPEX, JM2, MGC141961, MGC141963, PIDX, XPID

**Gene Summary:** The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

**References:**

1. The ENTPD1 promoter polymorphism -860 A > G (rs3814159) is associated with increased gene transcription, protein expression, CD39/NTPDase1 enzymatic activity, and thromboembolism risk. Maloney JP, Branchford BR, Brodsky GL, Cosmic MS, Calabrese DW, Aquilante CL, Maloney KW, Gonzalez JR, Zhang W, Moreau KL, Wiggins KL, Smith NL, Broeckel U, Di Paola J. FASEB J. 2017 Mar 16. [Epub ahead of print]
2. FOXP3 controls an miR-146/NF $\kappa$ B negative feedback loop that inhibits apoptosis in breast cancer cells. Liu R, Liu C, Chen D, Yang WH, Liu X, Liu CG, Dugas CM, Tang F, Zheng P, Liu Y, Wang L Cancer Res. 2015 Feb 23. pii: canres.2108.2014.