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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:

MPNPRPGKPSAPSLALGPSGASPSWRAAPKASDLL
GARGPGGTFQGRDLRGGAHASSSSSLNPMPPSQLQLP
TLPLVMVAPSGARLGPLPHLQALLQDRPHFMHQLSTV
DAHARTPVLQVHPLESPAMISLTPPTTATGVFSLKARP
GLPPGINVASLEWVSREPALLCTFPNPSAPRKDSTLSA
VPQSSYPLLANGVCKWPGCEKVFEEDFLKHCQAD
HLLDEKGRAQCLLQREMVQSLEQQLVLEKEKLSAMQA
HLAGKMAITKASSVASSDKGSCCIVAAGSQGPVVA
WSGPREADSLFAVRRHLWGSHGNSTFPEFLHNMDY
FKFHNMRPPFTYATLIRWAILEAPEKQRTLNEIYHWFT
RMFAFFRNHPATWKNAIRHNLHLKCFVRVESEKGA
WTVDELEFRKKRSQRPSRCSNPTGP

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- κ 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.