

Product datasheet for **TP317580**

FOXP3 (NM_014009) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human forkhead box P3 (FOXP3), transcript variant 1
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC217580 representing NM_014009
Red=Cloning site **Green**=Tags(s)

MPNPRPGKPSAPSLALGPSPGASPSWRAAPKASDLLGARGPGGTFQGRDLRGGAHASSSSLNPMPPSQLQ
LPTLPLVMVAPSGARLGPLHLQALLQDRPHFMHQLSTVDAHARTPVLQVHPLESPAMISLTPPTTATGV
FSLKARPLPPGINVASLEWVSREPALLCTFPNPSAPRKDSTLSAVPQSSYPLLANGVCKWPGCEKVFE
PEDFLKHCQADHLLDEKGRAQCLLQREMVQSLEQQLVLEKEKLSAMQAHLGKMLTKASSVASSDKGSC
CIVAAGSQGPVPAWSPREAPDSLFAVRRHLWGSNGNSTFPEFLHNMDYFKFHNMRPPFTYATLIRWAI
LEAPEKQRTLNEIYHWFTRMFAFFRNHPATWKNAIRHNLSLHKCFVRVESEKGAVWTVDELEFRKKRSQR
PSRCSNPTPGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 47.1 kDa
Concentration: >50 ug/mL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Bioactivity: Enzyme substrate (PMID: [30054205](#))
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Applications: Cell culture: For culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_054728](#)

Locus ID: 50943

UniProt ID: [Q9BZS1](#)

RefSeq Size: 1869

Cytogenetics: Xp11.23

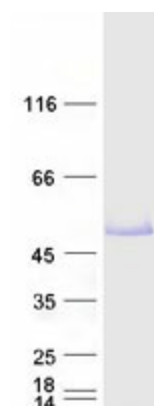
RefSeq ORF: 1293

Synonyms: AIID; DIETER; IPEX; JM2; PIDX; XPID

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, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified FOXP3 protein (Cat# TP317580). The protein was produced from HEK293T cells transfected with FOXP3 cDNA clone (Cat# [RC217580]) using MegaTran 2.0 (Cat# [TT210002]).