

Recombinant Full Length Human FOXP3 Protein, C-Flag-tagged

Cat. No. FOXP3-1306HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human FOXP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.1 kDa
AA Sequence	MPNPRPGKPSAPSLALGSPGASPSWRAAPKASDLLGARGPGGTFQGRDLRGGAHASSSSLNPMPPSQLQ LPTLPLVMVAPSGARLGPLPHLQALLQDRPHFMHQLSTVD AHARTPVLQVHPLESPAMISLTPPTTATGV FSLKARPGLPPGINVASLEWVSREPAL LCTFPNPSAPRKDSTLSAVPQSSYPLLANGVCKWPGCEKVFEED PEDFLKHCQADH LLDEKGRAQCLLQREMVQSLEQQLVLEKEKLSAMQAHLAAGKMLTKASSVASSDKG SC CIVAAGSQGPVVPASWGPVREAPDSLFAVRRHLWGSNGNSTFPEFLHNMDYFKF HNM RPPFTYATLIRWAI LEAPEKQRTLNEIYHWFTRMFAFFRNHPATWKNAIRHNLS

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LHKCFVRVESEKGA VWTVDELEFRKKRSQR
 PSRCSNPTPGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	FOXP3 forkhead box P3 [Homo sapiens (human)]
Official Symbol	FOXP3
Synonyms	JM2; AIID; IPEX; PIDX; XPID; DIETER
Gene ID	50943
mRNA Refseq	NM_014009.4

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Protein Refseq NP_054728.2

MIM 300292

UniProt ID Q9BZS1



Coomassie blue staining of purified FOXP3 protein.

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