

Recombinant Human FOXP3 protein, His-tagged

Cat. No. FOXP3-120H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXP3 protein(Q9BZS1-1)(Met 1 - Pro 431), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-431 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5 M Arginine, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human FoxP3 Protein, His Tag at 1 µg/mL (100 µL/well) can bind Anti-FOXP3 antibody, Mouse IgG1 with a linear range of 0.5-8 ng/mL.
Molecular Mass	The protein has a calculated MW of 49.1 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FOXP3 forkhead box P3 [Homo sapiens]

Official Symbol FOXP3

Synonyms FOXP3; forkhead box P3; immune dysregulation, polyendocrinopathy, enteropathy, X linked , IPEX; forkhead box protein P3; AIID; DIETER; JM2; PIDX; SCURFIN; XPID; scurfin; FOXP3delta7; immunodeficiency, polyendocrinopathy, enteropathy, X-linked; immune dysregulation, polyendocrinopathy, enteropathy, X-linked; IPEX; MGC141961; MGC141963;

Gene ID 50943

mRNA Refseq NM_001114377

Protein Refseq NP_001107849

MIM 300292

UniProt ID Q9BZS1

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