

Recombinant Human FOXP1 protein, His & T7-tagged

Cat. No. FOXP1-7636H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXP1 aa. (Asn461~Pro671 (Accession # Q9H334)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn461~Pro671
Description	This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	FOXP1 forkhead box P1 [Homo sapiens (human)]
Official Symbol	FOXP1
Synonyms	MFH; QRF1; 12CC4; hFKH1B; HSPC215; fork head-related protein like B; glutamine-rich factor 1; mac-1-regulated forkhead; forkhead box protein P1
Gene ID	27086
mRNA Refseq	NM_001012505.1
Protein Refseq	NP_001012523.1

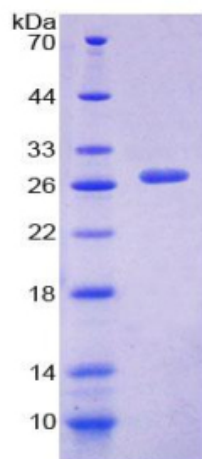
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UniProt ID

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