

Recombinant Human FOXP1 protein, DDK-tagged

Cat. No. FOXP1-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXP1 fused with DDK tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
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	50mM Tris-HCl pH8.0, 100mM glycine, 10% glycerol. Store at -80C. Avoid repeated freeze-thaw cycles.
Molecular Mass	75 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name FOXP1 forkhead box P1 [Homo sapiens]

Official Symbol FOXP1

Synonyms FOXP1; forkhead box P1; forkhead box protein P1; 12CC4; fork head related protein like B; glutamine rich factor 1; hFKH1B; HSPC215; PAX5/FOXP1 fusion protein; QRF1; glutamine-rich factor 1; fork head-related protein like B; FLJ23741; MGC12942; MGC88572; MGC99551;

Gene ID 27086

mRNA Refseq NM_032682

Protein Refseq NP_116071

MIM 605515

UniProt ID Q9H334

Chromosome Location 3p14.1

Function DNA binding, bending; chromatin binding; double-stranded DNA binding; metal ion binding; protein heterodimerization activity; protein homodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription factor binding; zinc ion binding;

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