

Recombinant Human FOXP4, GST-tagged

Cat. No. FOXP4-12987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXP4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	327-678a.a.
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. Many members of the forkhead box gene family, including members of subfamily P, have roles in mammalian oncogenesis. This gene may play a role in the development of tumors of the kidney and larynx. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	FOXP4 forkhead box P4 [Homo sapiens]
Official Symbol	FOXP4
Synonyms	FOXP4; forkhead box P4; forkhead box protein P4; FLJ40908; winged-helix repressor FOXP4; fork head-related protein like A; fork head-related protein-like A; hFKHLA; FLJ44184;
Gene ID	116113
mRNA Refseq	NM_001012426
Protein Refseq	NP_001012426
MIM	608924
UniProt ID	Q8IVH2
Chromosome Location	6p21.1
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; se