

Recombinant Human FOXP1, GST-tagged

Cat. No. FOXP1-12984H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human FOXP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 349-457a.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. 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.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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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_001012505
Protein Refseq	NP_001012523
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; se

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