

## Recombinant Human FOXP1 protein, GST-tagged

Cat. No. FOXP1-12H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FOXP1(1 a.a. - 114 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-114 a.a.
<b>Description</b>	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.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	38.28 kDa
<b>AA Sequence</b>	MMQESGTETKSNQSAIQNGSGGSNHLLECGGLREGRSNGETPAVDIGAADLAHAQ QQQQQWHLINHQPSPSSWLKRLISSPWELEVLQVPLWGAVAETKMSGPVCQPN PSPF

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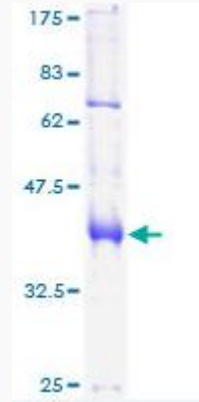
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	FOXP1 forkhead box P1 [ Homo sapiens ]
<b>Official Symbol</b>	FOXP1
<b>Synonyms</b>	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;
<b>Gene ID</b>	27086
<b>mRNA Refseq</b>	NM_001012505
<b>Protein Refseq</b>	NP_001012523
<b>MIM</b>	605515
<b>UniProt ID</b>	Q9H334
<b>Chromosome Location</b>	3p14.1
<b>Function</b>	DNA binding, bending; chromatin binding; double-stranded DNA binding; metal ion

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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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