Recombinant Human FOXP1 protein, GST-tagged

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

SPECIFICATION

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

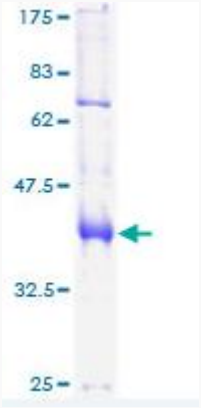
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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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_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

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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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