

Recombinant Human FOXP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FOXP1-5163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FOXP1 MS Standard C13 and N15-labeled recombinant protein (NP_116071) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	75.1 kDa
AA Sequence	MMQESGTETKSNQSAIQNGSGGSNHLLECGGLREGRSNGETPAVDIGAADLAHAQ QQQQQALQVARQLLLQQQQQQQVSGGLKSPKRNDKQPALQVPVSVAMMTPQVITP QQMQQILQQQVLSPQQQLQVLLQQQQALMLQQQQQLQEFYKKQQEQQLQLQLLQQQH AGKQPKEQQQVATQQLAFQQQLLQMQQQLQQQHLLSLQRQGLLTIQPGQPALPLQP LAQGMIPTELQQLWKEVTSHTAEETTGNHSSLDLTTTCVSSSAPSKTSLIMNPHA

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STNGQLSVHTPKRESLSHEEHPSHPLYGHGVCKWPGCEAVCEDFQSFLKHLNSE
 HALDDRSTAQCRVQMQVVQQLELQLAKDKERLQAMMTHLHVKSTEPKAAAPQLNL
 VSSVTLSKSASEASPQSLPHTPTTPTAPLTPVTQGSPVITTTSMHTVGPIRRRYSKY
 NVPISSADIAQNQEFYKNAEVRPPFTYASLIRQAILESPEKQLTLNEIYNWFTRMFAYF
 RRNAATWKNVHRHNLHLKCFVRVENVKGAVWTVDEVEFQKRRPQKISGNPSLIKN
 MQSSHAYCTPLSAAALQASMAENSIPLYTTASMGNPTLGNLASAIREELNGAMEHTNS
 NESDSSPGRSPMQAVHPVHVKEEPLDPEEAEGPLSLVTTANHSPDFDHDRDYEDE
 PVNEDMETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FOXP1 forkhead box P1 [Homo sapiens (human)]
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;

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Gene ID	27086
mRNA Refseq	NM_032682
Protein Refseq	NP_116071
MIM	605515
UniProt ID	Q9H334
SDS-PAGE	