

Product datasheet for PH313862

FOXP1 (NM_032682) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FOXP1 MS Standard C13 and N15-labeled recombinant protein (NP_116071)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213862
Predicted MW:	75.1 kDa
Protein Sequence:	>RC213862 representing NM_032682 Red=Cloning site Green=Tags(s)

MMQESGTETKSNNGSAIQNGSGGSNHLLECGGLREGRSNGETPAVDIGAADLAHAQQQQQALQVARQLL
 QQQQQQVSGLKSFKRNDKQPALQVPVSVAMMTPQVITPQQMQQILQQQVLSPPQLQVLLQQQALMLQQ
 QQLQEFYKQQEQQLQLLLQQQHAGKQPKQQQVATQQLAFQQQLLQMQQLQQQHLLSLQRQGLLTIQPG
 QPALPLQPLAQGMIPTELQQLWKEVTSHTAEETTGNHSSLDLTTTCVSSSAPSKTSLIMPHASTNGQ
 LSVHTPKRESLSHEEHPHSHPLYGHGVCKWPGCEAVCEDFQSFLKHLNSEHALDDRSTAQCRCRVQMVVQQ
 LELQLAKDKERLQAMMTHLHVKSTEPKAAQPLNLVSSVTLKSKASEASPQSLPHTPTTPTAPLTPVTQG
 PSVITTTSMHTVGPIRRYSKYNVPISSADIAQNQEFYKNAEVRPPFTYASLIRQAILESPEKQLTLNE
 IYNWFTRMFAYFRRNAATWKNVVRHNLSLHKCFVRVENVKGAVWTVDEVEFQKRRPQKISGNPSLIKNMQ
 SSHAYCTPLSAALQASMAENSIPLYTTASMGNPTLGNLASAIREELNGAMEHTNSNESDSSPGRSPMQAV
 HPVHVKEEPLDPEEAEGPLSLVTTANHSPDFDHRDYEDEPVNEDME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_116071
RefSeq Size:	6222



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RefSeq ORF: 2031

Synonyms: 12CC4; hFKH1B; HSPC215; MFH; QRF1

Locus ID: 27086

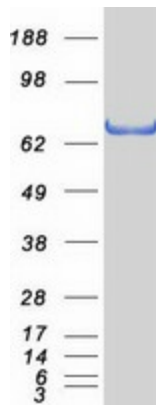
UniProt ID: [Q9H334](#), [Q548T7](#)

Cytogenetics: 3p13

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified FOXP1 protein (Cat# [TP313862]). The protein was produced from HEK293T cells transfected with FOXP1 cDNA clone (Cat# [RC213862]) using MegaTran 2.0 (Cat# [TT210002]).