

Recombinant Human FOXO3, MYC/DDK-tagged

Cat. No. FOXO3-2811H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FOXO3, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.
Molecular Mass	71.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name FOXO3 forkhead box O3 [Homo sapiens]

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Official Symbol	FOXO3
Synonyms	FOXO3; forkhead box O3; FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2; forkhead box protein O3; forkhead box O3A; forkhead in rhabdomyosarcoma-like 1; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1
Gene ID	2309
mRNA Refseq	NM_201559
Protein Refseq	NP_963853
MIM	602681
UniProt ID	O43524
Chromosome Location	6q21
Pathway	AKT phosphorylates targets in the nucleus; Adaptive Immune System; Chemokine signaling pathway
Function	DNA binding; DNA binding, bending; protein kinase binding

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