

Recombinant Full Length Human FOXO3 Protein

Cat. No. FOXO3-169HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FOXO3A with an N terminal proprietary tag; Predicted MWt 100.1 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	673 amino acids
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.
Form	Liquid
Molecular Mass	100.100kDa inclusive of tags
AA Sequence	MAEAPASPAPLSPLEVELDPEFEPQSRPRSCWPLQRPEL QASPAKPSGETAADS MIPEEEDDEDDEDGGGRAGSAMAIG GGGSGTLGSGLLLED SARVLAPGGQDPG SGPATAAGGLS GGTQALLQPQQPLPPPQPGAAGGSGQPRKCSSRRNAWGNL SY ADLITRAIESSPDKRLTLSQIYEWVMVRCVPYFKDKGDS NSSAGWKNSIRHNLSLHSR FMRVQNEGTGKSSWWIINPDG GKSGKAPRRRAVSMDNSNKYTKSRGRAAKKKAA LQTAPES ADDSPSQLSKWPGSPTSRSSDELDAWTD FRSR TNSNASTV SGRLSPIM

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ASTELDEVQDDAPLSPMLYSSSASLSPSVSK PCTVELPRLTDMAGTMNLNDGLTE
 NLMDLLDNITLPPSQ PSPTGGLMQRSSSFYTTKGSGLGSPSTSSFNSTVFGPSSL
 NSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLS HSDVMMTQSDPLMSQ
 ASTAVSAQNSRRNVMLRNDPMMMSFA AQPNGGSLVNQNLLHHQHQTQGALGGSR
 ALSNSVSNMGLS ESSSLGSAKHQQQSPVSQSMQTLSDSLSGSSLYSTSANLP VM
 GHEKFPSDLDLDMFNGSLECDMESIIRSELMDADGLDF NFDSLSTQNVVGLNVGN
 FTGAKQASSQSWVPG

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name FOXO3 forkhead box O3 [Homo sapiens]

Official Symbol FOXO3

Synonyms FOXO3; forkhead box O3; FKHL1, FOXO3A; forkhead box protein O3; AF6q21; FOXO2

Gene ID 2309

mRNA Refseq NM_001455

Protein Refseq NP_001446

MIM 602681

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UniProt ID

O43524

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