

# Recombinant Full Length Human FOXO3 Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human FOXO3A with an N terminal proprietary tag; Predicted MWt 100.1 kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	673 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	100.100kDa inclusive of tags
<b>AA Sequence</b>	MAEAPASPAPLSPLEVELDPEFEPQSRPRSCWPLQRPEL QASPAKPSGETAADS MIPEEEDDEDDEDGGGRAGSAMAIG GGGSGTLGSGLLLEDSARVLPAGGQDPG SGPATAAGGLS GGTQALLQPQQPLPPPQPGAAGGSGQPRKCSSRRNAWGNL SY ADLITRAIESSPKRLTLSQIYEWVRCVYPYFKDKGDS NSSAGWKNSIRHNLSLHSR FMRVQNEGTGKSSWWIINPDG GKSGKAPRRRAVSMDNSNKYTKSRGRAAKKAA LQTAPES ADDSPSQLSKWPGSPTSRSSELDAWTDFRSRTNSNASTV SGRLSPIM

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ASTELDEVQDDDAPLSPMLYSSASLSPSVSK PCTVELPRLTDMAGTMNLNDGLTE  
 NLMDLLDNITLPPSQ PSPTGGLMQRSSSFYTTKGSGLGSPTSSFNSTVFGPSSL  
 NSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTSDSLS HSDVMMTQSDPLMSQ  
 ASTAVSAQNSRRNVMLRNDPMMMSFA AQPNGSLVNQNLLHHQHQTQGALGGSR  
 ALSNSVSNMGLS ESSSLGSAKHQQQSPVSQSMQTLSDSLSGSSLYSTSANLP VM  
 GHEKFPSDLDFMNGSLECDMESIIRSELMDADGLDF 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

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