Forkhead box protein O3 (FOXO3) Recombinant Protein | FOXO3 recombinant protein

Recombinant Human Forkhead box protein O3 (FOXO3), partial

CATALOG #	HOST
AAA235200	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Forkhead box protein O3 (FOXO3); Recombinant Human Forkhead box protein O3 (FOXO3); partial; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1; FKHRL1; FOXO3A; FOXO3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	372-673aa; Partial
Sequence	MAGTMNLNDG LTENLMDDLL DNITLPPSQP SPTGGLMQRS SSFPYTTKGS GLGSPTSSFN STVFGPSSLN SLRQSPMQTI QENKPATFSS MSHYGNQTLQ DLLTSDSLSH SDVMMTQSDP LMSQASTAVS AQNSRRNVML RNDPMMSFAA QPNQGSLVNQ NLLHHQHQTQ GALGGSRALS NSVSNMGLSE SSSLGSAKHQ QQSPVSQSMQ TLSDSLSGSS LYSTSANLPV MGHEKFPSDL DLDMFNGSLE CDMESIIRSE LMDADGLDFN FDSLISTQNV VGLNVGNFTG AKQASSQSWV PG
Organism	Homo sapiens (Human)
Tag Information	N-terminal 6xHis-SUMO-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for FOXO3 recombinant protein	Transcriptional activator which triggers apoptosis in the absence of survival factors, including neuronal cell death upon oxidative stress. Recognizes and binds to the DNA sequence 5'-[AG]TAAA[TC]A-3'. Participates in post-transcriptional regulation of MYC: following phosphorylation by MAPKAPK5, promotes induction of miR-34b and miR-34c expression, 2 post-transcriptional regulators of MYC that bind to the 3'UTR of MYC transcript and prevent its translation.
Product Categories/Family for FOXO3 recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503739
NCBI GeneID	2309
NCBI Accession #	NP_001446.1
NCBI GenBank Nucleotide #	NM_001455.3
UniProt Accession #	O43524; O15171; Q5T2I7; Q9BZ04; B4DVZ6; E1P5E6

Molecular Weight	48.1 kDa
NCBI Official Full Name	forkhead box protein O3
NCBI Official Synonym Full Names	forkhead box O3
NCBI Official Symbol	FOXO3
NCBI Official Synonym Symbols	FOXO2; AF6q21; FKHRL1; FOXO3A; FKHRL1P2
NCBI Protein Information	forkhead box protein O3
UniProt Protein Name	Forkhead box protein O3
UniProt Gene Name	**FOXO3**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/foxo3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/235200