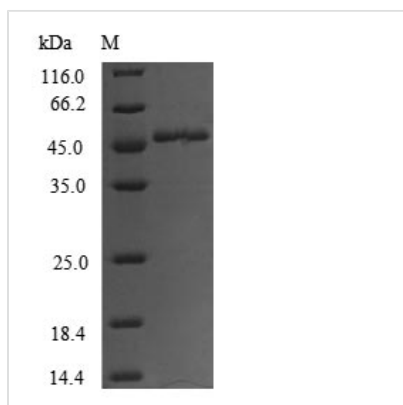




Recombinant Human Forkhead box protein O3 (FOXO3), partial

Product Code	CSB-EP008836HU1
Relevance	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.
Abbreviation	Recombinant Human FOXO3 protein, partial
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O43524
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	MAGTMNLNDGLTENLMDDLLDNITLPPSQPSPTGGLMQRSSSFYTTKGSGL GSPTSSFNSTVFGPSSLNSLRQSPMQTIQENKPATFSSMSHYGNQTLQDLLTS DSLHSDVMMTQSDPLMSQASTAVSAQNSRRNVMLRNDPMMSFQAAQPNQG SLVNQNLHHQHQTQGALGGSRALNSVSNMGLSESSLGSAKHQQQSPVS QSMQTLSDSLSGSSLYSTSANLPVMGHEKFPSDLDDMFNGSLECDMESIIRS ELMDADGLDFNFDLISTQNVVGLNVGNFTGAKQASSQSWVPG
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	FOXO3
Protein Names	AF6q21 protein Forkhead in rhabdomyosarcoma-like 1 FKHL1 FOXO3A
Expression Region	372-673aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	48.1 kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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