



Recombinant Human Forkhead box protein O1 (FOXO1)

Product Code	CSB-YP615533HU
Abbreviation	FOXO1
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.	Q12778
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAEAPQVVEI DPDFEPLPRP RSCTWPLPRP EFSQSNATS SPAPSGSAAA NPDAAAGLPS ASAAVSADF MSNLSLLEES EDFPQAPGSV AAVAAAAAA AATGGLCGDF QGPEAGCLHP APPQPPPPGP LSQHPPVPPA AAGPLAGQPR KSSSSRRNAW GNLSYADLIT KAISSAEKR LTLSQIYEWV VKSVPYFKDK GDSNSSAGWK NSIRHNLHLH SKFIRVQNEG TGKSSWWMLN PEGGKSGKSP RRAASMDNN SKFAKRSRA AKKKASLQSG QEGAGDSPGS QFSKWPASPG SHSNDDFDNW STFRPRTSSN ASTISGRLSP IMTEQDDLGE GDVHSMVYPP SAAKMASTLP SLSEISNPEN MENLLDNLNL LSSPTSLTVS TQSSPGTMMQ QTPCYSFAPP NTSLNNSPSPN YQKYTYGQSS MSPLPQMPIQ TLQDNKSSYG GMSQYNCAPG LLKELLTSDS PPHNDIMTPV DPGVAQPNSR VLGQNVMMGP NSVMSTYGSQ ASHNKMMNPS SHTHPGHAQQ TSAVNGRPLP HTVSTMPHTS GMNRLTQVKT PVQVPLPHPM QMSALGGYSS VSSCNGYGRM GLLHQEKLPD DLDGMFIERL DCDMESIIRN DLMDGDTLDF NFDNVLPNQS FPHSVKTTTH SWVSG
Source	Yeast
Target Names	FOXO1
Protein Names	Recommended name: Forkhead box protein O1 Alternative name(s): Forkhead box protein O1A Forkhead in rhabdomyosarcoma
Expression Region	1-655
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated



with alveolar rhabdomyosarcoma.

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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