



# Recombinant Human Forkhead box protein O4 (FOXO4)

<b>Product Code</b>	CSB-EP008839HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P98177
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDPGNENSAT EAAAIIDLDP DFEPQSRPRS CTWPLRPEI ANQPSEPPEV EPDLGEKVHT EGRSEPILLP SRLPEPAGGP QPGILGAVTG PRKGGSRRNA WGNQSYAELI SQAIESAPEK RLTLAQIYEW MVRTVPYFKD KGDSNSSAGW KNSIRHNLSL HSKFIKVHNE ATGKSSWWML NPEGGKSGKA PRRRAASMDS SSKLLRGRSK APKKKPSVLP APPEGATPTS PVGHFAKWSG SPCSRNREEA DMWTTFRPRS SSNASSVSTR LSPLRPESEV LAEEIPASVS SYAGGVPPTL NEGLELLDGL NLTSSHLLS RSGLSGFSLQ HPGVTGPLHT YSSSLFSPA E GPLSAGEGCF SSSQALEALL TSDTPPPAD VLMTQVDPIL SQAPTL LLLLG GLPSSSKLAT GVGLCPKPLE APGPSSLVPT LSMIAPPV M ASAPIPKALG TPVLTPTTEA ASQDRMPQDL DLDMYMENLE CDMDNIISDL MDEGEGLDFN FEPDP
<b>Source</b>	E.coli
<b>Target Names</b>	FOXO4
<b>Protein Names</b>	Recommended name: Forkhead box protein O4 Alternative name(s): Fork head domain transcription factor AFX1
<b>Expression Region</b>	1-505
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	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.

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**Shelf Life**

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.