

## Recombinant Human Forkhead Box Protein O3 (FOXO3)

Catalog # IC8762

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

### PROPERTIES

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Leu369~Met633

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Nucleus, Mitochondrion, Cytoplasm

**Purity:** > 90%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:**

**Predicted Molecular Mass:** 32.0kDa

**Accurate Molecular Mass:** 32kDa as determined by SDS-PAGE reducing conditions.

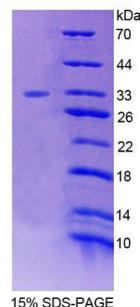


Figure 2. SDS-PAGE



### [ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

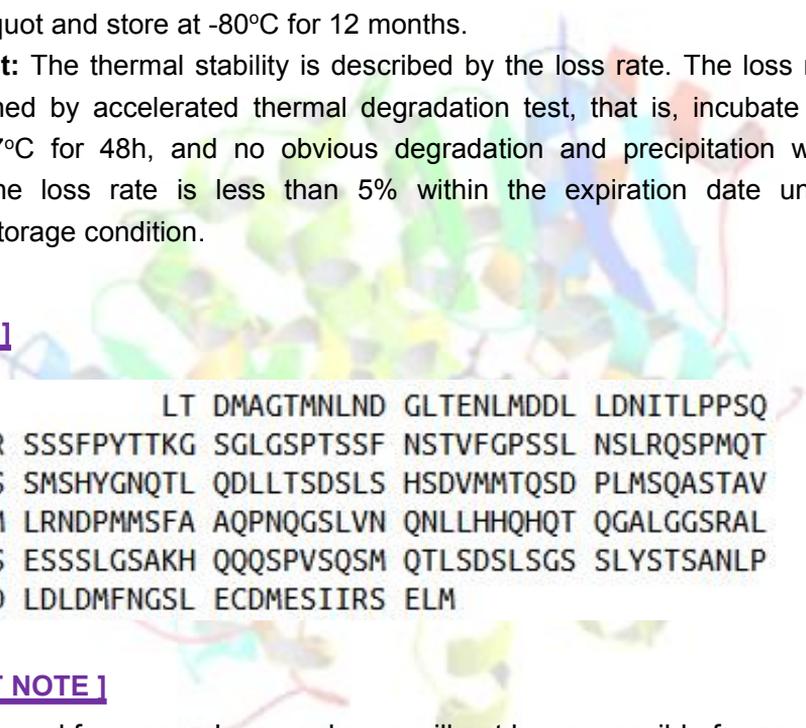
**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCE ]



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LT DMAGTMNLND GLTENLMDDL LDNITLPPSQ
PSPTGGLMQR SSSFYPTTKG SGLGSPTSSF NSTVFGPSSL NSLRQSPMQT
IQENKPATFS SMSHYGNQTL QDLLTSDSLS HSDVMMTQSD PLMSQASTAV
SAQNSRRNVM LRNDPMMSFA AQPNGGSLVN QNLLHHQHQT QGALGGSRAL
SNSVSNMGLS ESSSLGSAKH QQQSPVSQSM QTLSDSLSGS SLYSTSANLP
VMGHEKFPSD LDLMFNGSL ECDMESIIRS ELM
```

### [ IMPORTANT NOTE ]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

