

Recombinant Activating Transcription Factor 6 (ATF6) Instruction Manual

SIPB416Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Endoplasmic reticulum lumen
Predicted Molecular Mass	44.6kDa
Accurate Molecular Mass	45kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Leu377 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	7.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MESPFSPVLP HGPDEDWEST LFAELGYFTD TDDVHFDAAH EAYENNF DHL  
NFDLDLMPWE SDLWSPGSHF CSDMKAEPQP LSPASSSCSI SSPRSTDSCS  
STQHVPEELD LLSSSQSPLS LYGDSCNSPS SVEPLKEEKP VTGPGNKTEH  
GLTPKKKIQM SSKPSVQPKP LLLPAAPKTQ TNASVPAKAI IIQTLPALMP  
LAKQQSIIISI QPAPTKGQTV LLSQPTVVQL QSPAVLSSAQ PVLAVTGGAA  
QLPNHVVNVL PAPVVSSPVN GKLSVTKPVL QSATRSMGSD IAVLRRQORM  
IKNRESACQS RKKKKEYMLG LEARLKAALS ENEQLKKENG SLKRQLDEVV  
SENQRLKVPS PKRRAVCVMI VLAFIML
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USAGE

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

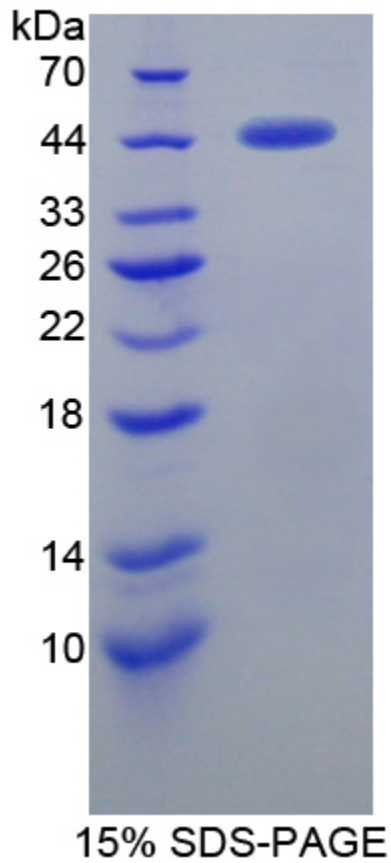
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.