RPB393Mu01 50μg

Recombinant Activating Transcription Factor 6 (ATF6)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residuess: Met1~Leu377

Tags: N-terminal His Tag

Tissue Specificity: Endoplasmic reticulum lumen

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO$_3$, 500mMNaCl, pH8.3, 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: 7.1

Predicted Molecular Mass: 44.6kDa

Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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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MESPFSPVLP HGPDEDWEST LFAELGYFTD TDDVHFDAAH EAYENNFDHL
NFDLDLMPWE SDLWSPGSHF CSDMKAEPQP LSPASSSCSI SSPRSTDSCS
STQHVPEELD LLSSSQSPLS LYGDSCNSPS SVEPLKEEKP VTGPGNKTEH
GLTPKKKIQM SSKPSVQPKP LLLPAAPKTQ TNASVPAKAI IIQTLPALMP
LAKQQSIISI QPAPTKGQTV LLSQPTVVQL QSPAVLSSAQ PVLAVTGGAA
QLPNHVVNVL PAPVVSSPVN GKLSVTKPVL QSATRSMGSD IAVLRRQQRM
IKNRESACQS RKKKKEYMLG LEARLKAALS ENEQLKKENG SLKRQLDEVV
SENQRLKVPS PKRRAVCVMI VLAFIML
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[IDENTIFICATION]

15% SDS-PAGE