

Recombinant Mouse Atf6 protein, His/T7-tagged

Cat. No. ATF6-2070M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Atf6(Met1~Leu377) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Leu377
Description	Atf6 played an important role in many functions.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	44.6kDa
AA Sequence	MESPFSPVLP HGPDEDWEST LFAELGYFTD TDDVHFDAAH EAYENNFDHL NFDLDLMPWE SDLWSPGSHF CSDMKAEPQP LSPASSSCSI SSPRSTDSCS STQHVPEELD LLSSSQSPLS LYGDSCNSPS SVEPLKEEKV VTGPGNKTEH GLTPKKKIQM SSKPSVQPKP LLLPAAPKTQ TNASVPAKAI IIQTLPALMP LAKQSSIISI QPAPTKGQTV LLSQPTVVQL QSPAVLSSAQ PVLAVTGGAA QLPNHVVNVL PAPVVSSPVN GKLSVTKPVL QSATRSMGSD IAVLRRQQRN IKNRESACQS RKKKKEYMLG LEARLKAALS ENEQLKKENG SLKRQLDEVV SENQRLKVPS PKRRAVCVMI VLAFIML
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Atf6 activating transcription factor 6 [Mus musculus]
Official Symbol	Atf6
Synonyms	ATF6; activating transcription factor 6; cyclic AMP-dependent transcription factor ATF-6 alpha; ESTM49; AA789574; Atf6alpha; 9630036G24; 9130025P16Rik;
Gene ID	226641
mRNA Refseq	NM_001081304
Protein Refseq	NP_001074773
MIM	
UniProt ID	F6VANO
Chromosome Location	1 H3; 1 76.96 cM
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;

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Function

DNA binding;

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