

Recombinant Human ATF-4 protein ab109946

1 Image

Description

Product name	Recombinant Human ATF-4 protein
Purity	> 90 % SDS-PAGE. ab109946 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P18848</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MHHHHHMHADQLTEEQIAEFKEAFSLFDKDGDTITTK ELGTVMRSLGQN PTEAELQDMINEVDADGNGTIDFPEFLTMMARKMKDTD SEEEIREAFRVF DKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADID GDGQVNYEEFV QMMTAKGSHMTEM SFLSSEVLVGDLMSFPDQSGLGAE SLGLDDYLEVA KHFKPHGFSSDKAKAGSSEWLAVDGLVSPSNNKEDAF SGTDWMLEKMDL KEFDLDALLGIDDLETMPDDLTTLDDTCDLFAPLVQETN KQPPQTVNPI GHLPESLTKPDQVAPFTFLQPLPLSPGVLSSTPDHSFSLE LGSEVDITEG DRKPDYTAYVAMIPQCIKEEDTPSDNDSGICMSPESYLG SQHSPSTRGS PNRSLPSPGVLCGSARPKPYDPPGEKMVAKVKGKELD KKLKKMEQNKTA ATRYRQKKRAEQEALTGECKELEKKNEALKERADSLAKEI QYLKDLIEEV RKARGKKRVP
Predicted molecular weight	57 kDa including tags
Amino acids	1 to 351
Tags	His tag N-Terminus

## Specifications

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Our **Abpromise guarantee** covers the use of **ab109946** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituent: 10% Glycerol (glycerin, glycerine)
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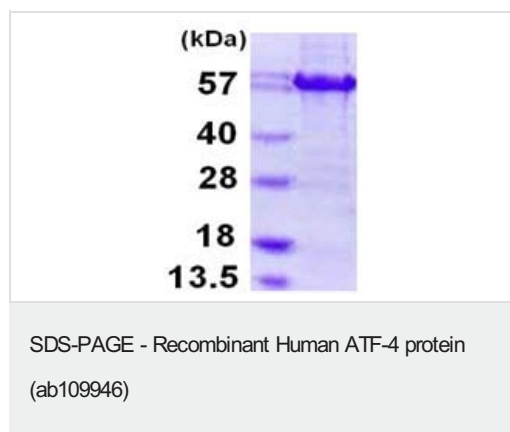
## General Info

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<b>Function</b>	Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. It binds to a Tax-responsive enhancer element in the long terminal repeat of HTLV-I.
<b>Sequence similarities</b>	Belongs to the bZIP family. Contains 1 bZIP domain.
<b>Cellular localization</b>	Cytoplasm. Cell membrane. Nucleus. Colocalizes with GABBR1 in hippocampal neuron dendritic membranes.

## Images

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15% SDS-PAGE analysis of 3µg ab109946.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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