

## Product datasheet

# Recombinant Human ATF2 protein ab81790

### 概述

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产品名称	重组人ATF2蛋白
蛋白长度	Protein fragment

### 描述

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性质	Recombinant
来源	Escherichia coli

### 氨基酸序列

种属	Human
氨基酸	19 to 96

### 技术指标

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Our [Abpromise guarantee](#) covers the use of **ab81790** in the following tested applications.

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

应用	EMSA
形式	Liquid

### 制备和贮存

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稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
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### 常规信息

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功能	Transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2/JUN complex.
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组织特异性	Abundant expression seen in the brain.
序列相似性	Belongs to the bZIP family. ATF subfamily. Contains 1 bZIP domain. Contains 1 C2H2-type zinc finger.
翻译后修饰	Phosphorylation of Thr-69 and Thr-71 by MAPK14 causes increased transcriptional activity. Also phosphorylated and activated by JNK.
细胞定位	Nucleus.

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