

Recombinant Human ATF2 protein ab43598

描述

产品名称 重组人ATF2蛋白
纯度 > 80 % Densitometry.

表达系统 Escherichia coli

Accession **E9PBF9**

蛋白长度 Protein fragment

无动物成分 No

性质 Recombinant

种属 Human

序列

```
MSDDKPFLCT APGCGQRFTN EDHLAVHKHK  
HEMTLKFGPA RNDSVIVADQ TPTPTRFLKN  
CEEVGLFNEL ASPFENEFKK ASED DIKKMP  
LDLSPLATPI IRSKIEEPSV VETTHQDSPL  
PHPESTTSDE KEVPLAQTAQ PTS AIVRPAS  
LQVPNVLLTS SDSSV IIQQA VPSPTSSTVI  
TQAPSSNRPI VPVPGPFLL LHL PNGQTMP  
VAIPASITSS NVHVPAAVPL VRPVTMVPSV  
PGIPGPSSPQ PVQS
```

氨基酸 1 to 254

标签 GST tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab43598** in the following tested applications.

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

应用 Functional Studies

形式 Liquid

补充说明 ab43598 (Human ATF2 protein fragment) can be utilized as a substrate for **ab60304** (Active mouse JNK1 full length protein)

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.50

Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride

常规信息

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.

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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