

Product datasheet

Recombinant Human ATF2 protein ab43598

製品の概要

製品名	Recombinant Human ATF2 protein
タンパク質長	Protein fragment

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [E9PBF9](#)

生物種 Human

配列 MSDDKPFLCT APGCGQRFTN EDHLAVHKHK
HEMTLKFGPA RNSVIVADQ TPTPTRFLKN
CEEVGLFNEL ASPFENEFKK ASEDIIKMP
LDLSPLATPI IRSKIEEPSV VETTHQDSPL
PHPESTTSDE KEVPLAQTAQ PTSAIVRPAS
LQVPNVLLTS SDSSVIIQQA VPSPTSSTVI
TQAPSSNRPI VPVPGPFPLL LHLPNGQTMP
VAIPASITSS NVHVPAAVPL VRPVTMVPSV
PGIPGPSSPQ PVQS

領域 1 to 254

特性

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.

アプリケーション Functional Studies

製品の状態 Liquid

備考 ab43598 (Human ATF2 protein fragment) can be utilized as a substrate for [ab60304](#) (Active mouse JNK1 full length protein)

前処理および保存

保存方法および安定性

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

Preservative: None

Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5

関連情報

機能

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.

組織特異性

Abundant expression seen in the brain.

配列類似性

Belongs to the bZIP family. ATF subfamily.

Contains 1 bZIP domain.

Contains 1 C2H2-type zinc finger.

翻訳後修飾

Phosphorylation of Thr-69 and Thr-71 by MAPK14 causes increased transcriptional activity. Also phosphorylated and activated by JNK.

細胞内局在

Nucleus.

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