

Recombinant Human ATF2 protein ab43598

製品の詳細

製品名 Recombinant Human ATF2 protein

精製度 > 80 % Densitometry.

発現系 Escherichia coli

アクセッション番号 **E9PBF9**

タンパク質長 Protein fragment

Animal free No

由来 Recombinant

生物種 Human

配列 MSDDKPFLCT APGCGQRFTN EDHLAVHKHK
HEMTLKFGPA RNDSVIVADQ TPTPTRFLKN
CEEVGLFNEL ASPFENEFKK ASEDIIKMP
LDLSPLATPI IRSKIEEPSV VETTHQDSPL
PHPESTTSDE KEVPLAQTAQ PTSAIVRPAS
LQVPNVLLTS SDSSVIIQQA VPSPTSSTVI
TQAPSSNRPI VPVPGPFLL LHL PNGQTMP
VAIPASITSS NVHVPAAVPL VRPVTMVPSV
PGIPGPSSPQ PVQS

領域 1 to 254

タグ GST tag N-Terminus

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. pH: 7.50 Constituents: 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
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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