

Recombinant Human ATF6 cell lysate

Cat. No. ATF6-144HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ATF6 activating transcription factor 6 [Homo sapiens]
Official Symbol	ATF6
Synonyms	ATF6; activating transcription factor 6; cyclic AMP-dependent transcription factor ATF-6 alpha; activating transcription factor 6 alpha; ATF6A; cAMP-dependent transcription factor ATF-6 alpha; FLJ21663; DKFZp686P2194;
Gene ID	22926

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mRNA Refseq	NM_007348
Protein Refseq	NP_031374
MIM	605537
UniProt ID	P18850
Chromosome Location	1q22-q23
Pathway	Activation of Chaperone Genes by ATF6-alpha, organism-specific biosystem; Activation of Chaperones by ATF6-alpha, organism-specific biosystem; Activation of Genes by ATF4, organism-specific biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	protein binding; protein dimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;