

Recombinant Human ATF6, GST-tagged

Cat. No. ATF6-873H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATF6 (1 a.a. - 202 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-202 a.a.
Description	ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	Theoretical MW (kDa): 48.5
AA Sequence	MGEPAGVAGTMESPFSPGLFHRLDEDWDSALFAELGYFTDTDELQLEAANETYEN NFDNLDFDLVPWESDIWD INNQICTVKDIKAEPQPLSPASSYSVSSPRSVDSYS STQHVPEELDLSSSSQMSPLSLYGENSNSLSAEPLKE DKPVTGPRNKTENGLTPK KKIQVNSKPSIQPKPLLLPAAPKTQTISSIPPQT
Applications	AP, Array, ELISA, WB-Re
Notes	Best use within three months from the date of receipt of this protein.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name ATF6 activating transcription factor 6 [Homo sapiens]

Official Symbol ATF6

Synonyms ATF6A; cyclic AMP-dependent transcription factor ATF-6 alpha; cAMP-dependent transcription factor ATF-6 alpha

Gene ID 22926

mRNA Refseq NM_007348

Protein Refseq NP_031374

MIM 605537

UniProt ID P18850

Chromosome Location 1q23.3

Pathway ATF4 activates genes, organism-specific biosystem; Alzheimer's disease, conserved biosystem; Metabolism of proteins, organism-specific biosystem

Function RNA polymerase II regulatory region sequence-specific DNA binding; cAMP response element binding; protein binding

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