

# Recombinant Full Length Human ATF7 Protein, GST-tagged

**Cat. No.** ATF7-1160HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human ATF7 full-length ORF ( NP_006847.1, 1 a.a. - 483 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	483 amino acids
<b>Description</b>	ATF7 (Activating Transcription Factor 7) is a Protein Coding gene. Diseases associated with ATF7 include Penicilliosis and Familial Atrial Fibrillation. Among its related pathways are Regulation of retinoblastoma protein and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include nucleic acid binding and sequence-specific DNA binding. An important paralog of this gene is ENSG00000267281.
<b>Molecular Mass</b>	78.2 kDa
<b>AA Sequence</b>	MGDDRPFVCN APGCGQRFTN EDHLAVHKHK HEMTLKFGPA RTDSVIIADQ TPTPTRFLKN CEEVGLFNEL ASSFEHEFKK AADEDEKKAAGPLDMSLPS TPDIKIEEEE PVEVDSSPPD SPASSPCSP LKEKEVTPKP VLISTPTPTI VRPGSLPLHL GYDPLHPTLP SPTSIVITQAP PSNRQMGSPT GSLPLVMHLA NGQTMPVLP PPVQMPSVIS LARPVSMVFN IPGIPGPPVN SSGSISPSGH PIPSEAKMRL KATLTHQVSS INGGCGMVVG TASTMVTARP EQSQILIQHP DAPSPAQPQV SPAQPTPSTG GRRRRTVDED PDERRQRFLE RNRAAASRCR

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QKRKLWVSSL EKKAEEELTSQ NIQLSNEVTL LRNEVAQLKQ LLLAHKDCPV  
 TALQKKTQGY LESPKESEP TGSPAPVIQH SSATAPSNGL SVRSAAEAVA  
 TSVLTQMASQ RTELSMPIQS HVIMTPQSQS AGR

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
 Antibody Production; Protein Array

**Storage**

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

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

[ATF7 activating transcription factor 7 \[ Homo sapiens \]](#)

**Official Symbol**

[ATF7](#)

**Synonyms**

ATF7; activating transcription factor 7; cyclic AMP-dependent transcription factor  
 ATF-7; ATFA; transcription factor ATF-A; MGC57182

**Gene ID**

[11016](#)

**mRNA Refseq**

[NM\\_001130059](#)

**Protein Refseq**

[NP\\_001123531](#)

**MIM**

[606371](#)

**UniProt ID**

[P17544](#)

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