

Recombinant Human ATF7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATF7-1022H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATF7 MS Standard C13 and N15-labeled recombinant protein (NP_001123531) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Isoform 5 acts as a negative regulator, inhibiting both ATF2 and ATF7 transcriptional activities. It may exert these effects by sequestering in the cytoplasm the Thr-53 phosphorylating kinase, preventing activation.
Molecular Mass	52.8 kDa
AA Sequence	MGDDRPFVCNAPGCGQRFTNEDHLAVHKHKHEMTLKFGPARTDSVIIADQTPTPTR FLKNCEEVGLFNELASSFEHEFKKAADEDEKKARSRTVAKKLVAAGPLDMSLPSTP DIKIKKEEPVEVDSSPPDSPASSPCSPPLKEKEVTPKPVLISTPTPTIVRPGSLPLHLG YDPLHPTLPSPTSVITQAPPSNRQMGSPGSLPLVMHLANGQTMPVLPGPPVQMPS VISLARPVSMVPNIPGIPPPVNSSGSISPSGHPPISEAKMRLKATLTHQVSSINGGC GMVVGTA STMVTARPEQSQILIQHPDAPSPAQPQVSPAQPTPTSTGGRRRRRTVDED PDERRQRFLERNRAAASRCRQKRKLWSSLEKKAELTSQNIQLSNEVTLLRNEVA QLKQLLLAHKDCPVTALQKKTQGYLESPKESSEPTGSPAPVIQHSSATAPSNGLSVR SAAEAVATSVLTQMASQRTELSMPIQSHVIMTPQSQSAGRTRTRPLEQKLISEEDLA ANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

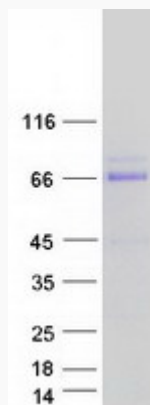
GENE INFORMATION

Gene Name	ATF7 activating transcription factor 7 [Homo sapiens (human)]
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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SDS-PAGE

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