

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
 DIKIKEEPEVDSSPPDSPASSPCSPPLKEKEVTPKPVLISTPTPTIVRPGSLPLHLG
 YDPLHPTLPSPTSVITQAPPSNRQMGSPGSLPLVMHLANGQTMPVLPGPPVQMPS
 VISLARPVSMVPNIPGIPPPVNSSGSISPSGHPIPSEAKMRLKATLTHQVSSINGGC
 GMVVGTA STMVTARPEQSQILIQHPDAPSPAQPQVSPAQPTPSTGGRRRRTVDED
 PDERRQRFLERNRAAASRCRQKRKLWVSSLEKKAELTSQNIQLSNEVTLRNEVA
 QLKQLLLAHKDCPV TALQKKTQGYLESPKESSEPTGSPAPVIQHSSATAPSNGLSVR
 SAAEAVATSVLTQMASQRTELSMPIQSHVIMTPQSQSAGRTRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

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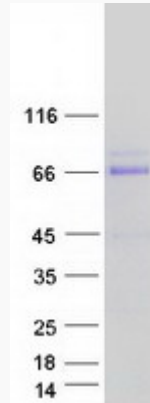


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|-----------------------|--|
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| Storage | Store at -80 centigrade. Avoid 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 |

SDS-PAGE



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