

## Product datasheet for TP325852

### ATF7 (NM\_001130059) Human Recombinant Protein

#### Product data:

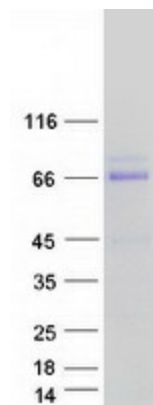
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens activating transcription factor 7 (ATF7), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225852 representing NM_001130059 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGDDRPFVCNAPGCGQRFTNEDHLAVHKKHEMTLKFPGPARTDSVIIADQTPTPTRFLKNCEEVGLFNEL ASSFEHEFKKAADEDEKKARSRTVAKKLVAAGPLDMSLPSTPDIKIKEEPEVDSSPPDSPASSPCSP PLKEKEVTPKPVLISTPTPTIVRPGSLPLHLGYDPLHPTLPSPSVITQAPPSNRQMGSPGSLPLVMHL ANGQTMPVLPVPPVQMPVSVLARPVSMVNPVIGIPGPPVNSSGSGISPSGHPIPSEAKMRLKATLTHQVS SINGGCGMVVGTASTMVTARPEQSQILIQHPDAPSPAQPQVSPAQPTPSTGRRRRRTVDEDPDERRQRFL ERNRAAASRCRQKRKLWVSSLEKKAELTSQNIQLSNEVTLLRNEVAQLKQLLLAHKDCPV TALQKKTQG YLESPKESSEPTGSPAPVIQHSSATAPSNGLSVRSAAEAVATSVLTQMASQRTELSMPIQSHVIMTPQSQ SAGR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	52.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001123531</a>
<b>Locus ID:</b>	11016
<b>UniProt ID:</b>	<a href="#">P17544</a>
<b>Cytogenetics:</b>	12q13.13
<b>RefSeq ORF:</b>	1482
<b>Synonyms:</b>	ATFA
<b>Summary:</b>	Plays important functions in early cell signaling. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AG][AG]-3'), a sequence present in many viral and cellular promoters. Activator of the NF-ELAM1/delta-A site of the E-selectin promoter. Has no intrinsic transcriptional activity, but activates transcription on formation of JUN or FOS heterodimers. Also can bind TRE promoter sequences when heterodimerized with members of the JUN family.[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Transcription Factors

### Product images:



Coomassie blue staining of purified ATF7 protein (Cat# TP325852). The protein was produced from HEK293T cells transfected with ATF7 cDNA clone (Cat# [RC225852]) using MegaTran 2.0 (Cat# [TT210002]).