

Product datasheet for **TP325852L**

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, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC225852 representing NM_001130059
Red=Cloning site **Green**=Tags(s)

MGDDRRPFCNAPGCGQRFTNEDHLAVHKKHEMTLKFPGPARTDSVIIADQTPTPTRFLKNCEEVGLFNEL
ASSFEHEFKKAADEDEKKARSRTVAKKLVAAGPLDMSLPSTPDIKIKEEPEVDSSPPDSPASSPCSP
PLKEKEVTPKPVLISTPTPTIVRPGSLPLHLGYDPLHPTLPSPSVITQAPPSNRQMGSPGSLPLVMHL
ANGQTMPVLPGPPVQMPSVISLARPVSMVNIPIGIPGPPVNSSSGSISPSGHPIPSEAKMRLKATLTHQVS
SINGGCGMVVGTASTMVTARPEQSQILIQHPDAPSPAQPQVSPAQPTPSTGRRRRRTVDEDPDERRQRFL
ERNRAAASRCRQKRKLWVSSLEKKAELTSQNIQLSNEVTLLRNEVAQLKQLLLAHKDCPV TALQKKTQG
YLESPKESSEPTGSPAPVIQHSSATAPSNGLSVRSAAEAVATSVLTQMASQRTELSMPIQSHVIMTPQSQ
SAGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

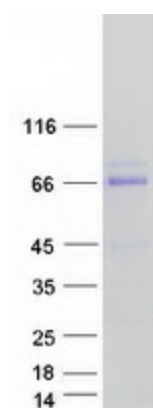
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001123531
Locus ID:	11016
UniProt ID:	P17544
Cytogenetics:	12q13.13
RefSeq ORF:	1482
Synonyms:	ATFA
Summary:	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]
Protein Families:	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]).