

## Recombinant Human ATF1 Protein

Catalog #	Source	Reactivity	Applications
CRP1086	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ATF1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Val271 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.		
Gene Symbol	ATF1		
Alternative Names	Cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription factor ATF-1; Activating transcription factor 1; Protein TREB36		
Entrez Gene	466 (Human)		
SwissProt	P18846 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MEDSHKSTTS ETAPQPGSAV QGAHISHIAQ QVSSLSESEE SQDSSDSIGS SQKAHGILAR RPSYRKILKD LSEDTRGRK GDGENSGVSA AVTSMVPTP IYQTSSGQYI AIAPNGALQL ASPGTDGVQG LQTLTMTNSG STQQGTTILQ YAQTS DGQQI LVPSNQVVVQ TASGDMQTYQ IRTTPSATSL PQTVMVTSPV TLTSQTTKTD DPQLKREIRL MKNREAAREC RRKKKEYVKC LENRVAVLEN QNKTLIEELK TLKDLYSNKS VVEHHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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## Product Data Sheet

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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