

For research purposes only, not for human use

## **Product Data Sheet**

## **Recombinant Human ATF1 Protein**

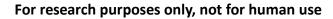
Catalog #	Source	Reactivity	Applications		
CRP1086	E. coli	Human	E, WB, SDS-PAGE, MS		
Description	ŀ	Recombinant Human ATF1 P	rotein is produced by our E. coli expression system and		
	t	he target gene encoding Me	t1-Val271 is expressed with a 6His tag at the		
	(	C-terminus.			
Form	l	yophilized from a 0.2 $\mu$ M fil	tered solution of PBS, pH 7.4.		
Gene Symbol	ŀ	ATF1			
Alternative Names		Cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription			
	f	actor ATF-1; Activating trans	cription factor 1; Protein TREB36		
Entrez Gene	Z	466 (Human)			
SwissProt	F	218846 (Human)			
Purity	(	Greater than 95% as determi	ned by reducing SDS-PAGE.		
<b>Chemical Structure</b>		MEDSHKSTTS ETAPQPGSAV (	QGAHISHIAQ QVSSLSESEE SQDSSDSIGS SQKAHGILAR		
	F	RPSYRKILKD LSSEDTRGRK GD	GENSGVSA AVTSMSVPTP IYQTSSGQYI AIAPNGALQL		
	ļ	ASPGTDGVQG LQTLTMTNSG	STQQGTTILQ YAQTSDGQQI LVPSNQVVVQ		
	Ţ	TASGDMQTYQ IRTTPSATSL P	QTVVMTSPV TLTSQTTKTD DPQLKREIRL MKNREAAREC		
	F	RRKKKEYVKC LENRVAVLEN Q	NKTLIEELK TLKDLYSNKS VVEHHHHHH		
Quality Contr	rol E	Endotoxin: Less than 0.1 ng/	μg (1 IEU/μg) as determined by LAL test.		
Directions for Use		Always centrifuge tubes befo	re opening. Do not mix by vortex or pipetting. It is not		
	r	recommended to reconstitut	e to a concentration less than 100 $\mu$ g/ml. Dissolve the		
	I	yophilized protein in 1X PBS	Please aliquot the reconstituted solution to minimize		
	f	reeze-thaw cycles.			
			stand at 20°C though stable at a second second		

**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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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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