

Activating Transcription Factor-1 Human Recombinant

Item Number	rAP-0828
Synonyms	Activating transcription factor 1, cyclic AMP-dependent transcription factor ATF-1, Protein TREB36, EWS-ATF1, FUS/ATF-1.
Description	ATF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 295 amino acids (1-271 and having a molecular mass of 31.8kDa. ATF1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P18846
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMEDSHK STTSETAPQP GSAVQGAHIS HIAQQVSSLSESEESQDSSD SIGSSQKAHG ILARRPSYRK ILKDLSSEDT RGRKGDGENS GVSAAVTSMSVPTPIYQTSS GQYIAIPNG ALQLASP GTD GVQGLQTLTM TNSTQQGT TILQYAQTSD GQQILVPSNQ VVQTASGDM QTYQIRTPS ATSLPQT VVM TSPVTLTSQT TKTDDPQLKR EIRLMKNREA ARECRRKKKE YVKCLENRVA VLENQNKT LI EELKTLKDL Y SNKSV
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ATF1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 5mM DTT, 2mM EDTA and 50% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**