

Activating Transcription Factor-3 Recombinant Protein | ATF3 recombinant protein

Recombinant Human Activating Transcription Factor-3

CATALOG #
AAA38917

PRODUCT SYNONYMS

Activating Transcription Factor-3; Recombinant Human Activating Transcription Factor-3; Activating transcription factor 3; cyclic AMP-dependent transcription factor ATF-3; FLJ41705; ATF3 recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 90.0% as determined by Analysis by SDS-PAGE.
Form/Format	ATF3 protein (1mg/ml) is supplied in 20mM Tris-HCL, pH-8, 2M Urea and 20% Glycerol. ATF3 is supplied as a sterile filtered clear solution.
Sequence	MMLQHPGQVS ASEVSASAIV PCLSPPGSLV FEDFANLTPF VKEELRFAIQ NKHLCHRMSS ALESVTVSDR PLGVSITKAE VAPEEDERKK RRRERNKIAA AKCRNKKKEK TECLQKESEK LESVNAELKA QIEELKNEKQ HLIYMLNLHR PTCIVRAQNG RTPEDERNLF IQQIKEGTLQ S
Source	E Coli
Preparation and Storage	Store at 4 degree C if entire vial will be used in 2-4 weeks. Store frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for ATF3 recombinant protein	Description: ATF3 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 181 amino acids (1-181) and having a molecular mass of 20.6 kDa. The ATF3 is purified by proprietary chromatographic techniques. Introduction: ATF3 belongs to the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. ATF3 binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in numerous viral and cellular promoters. Multiple transcript variants encoding two different isoforms are known for this gene. The longer isoform represses transcription from promoters with ATF binding elements instead of activating it. The shorter isoform (deltaZip2) which stimulates transcription by sequestering inhibitory co-factors away from the promoter has no leucine zipper protein-dimerization motif and does not bind to DNA.
Product Categories/Family for ATF3 recombinant protein	Protein Kinases; Enzymes; Activating Transcription Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	71902536
NCBI GeneID	467
NCBI Accession #	NP_001025458.1
NCBI GenBank Nucleotide #	NM_001030287.3
UniProt Accession #	P18847; Q5VTZ2; Q6ICQ9; Q7Z566; Q8WYM6
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-3 isoform 1

NCBI Official Synonym Full Names	activating transcription factor 3
NCBI Official Symbol	ATF3
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-3; cAMP-dependent transcription factor ATF-3
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-3
UniProt Gene Name	ATF3
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-3
UniProt Entry Name	ATF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/atf3-recombinant-protein/38917>