

Activating Transcription Factor 3, aa1-181 Recombinant Protein | ATF3 recombinant protein

Activating Transcription Factor 3, Recombinant, Human, aa1-181 (ATF3, cAMP-dependent Transcription Factor ATF-3, Cyclic AMP-dependent Transcription Factor ATF-3)

CATALOG #	HOST
AAA14755	Recombinant corresponding to aa1-181 of human ATF3, expressed in E.coli. (NP_001665).

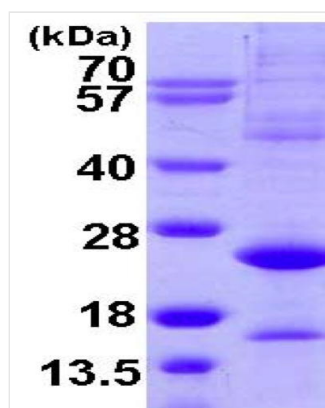
PRODUCT SYNONYMS

Activating Transcription Factor 3; aa1-181; Recombinant; Human; aa1-181 (ATF3; cAMP-dependent Transcription Factor ATF-3; Cyclic AMP-dependent Transcription Factor ATF-3); ATF3 recombinant protein

PRODUCT SPECIFICATIONS

Host	Recombinant corresponding to aa1-181 of human ATF3, expressed in E.coli. (NP_001665).
Purity/Purification	>90% (SDS-PAGE)
Form/Format	Supplied as a liquid in 20mM Tris-HCl, pH8.0, 2M Urea, 20% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	MMQLQHPGQVS ASEVSASAI V PCLSPPGSLV FEDFANLTPF VKEELRFAIQ NKHLCHRMSS ALESVTVSDR PLGVSITKAE VAPEEDERKK RRRERNKIAA AKCRNKKKEK TECLQKESEK LESVNAELKA QIEELKNEKQ HLIYMLNLHR PTCIVRAQNG RTPEDERNLF IQQIKEGTLQ S
Grade	Highly Purified
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 6 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

IMAGES



SDS-PAGE

15% SDS-PAGE using A0855-58J (3ug)

ADDITIONAL INFORMATION

Related Product Information for ATF3 recombinant protein	ATF3 (activating transcription factor 3) is a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Multiple transcript variants encoding two different isoforms have been found for this gene. The longer isoform represses rather than activates transcription from promoters with ATF binding elements. The shorter isoform (deltaZip2) lacks the leucine zipper protein-dimerization motif and does not bind to DNA, and it stimulates transcription, it is presumed, by sequestering inhibitory co-factors away from the promoter.
Product Categories/Family for ATF3 recombinant protein	Molecular Biology; MB-Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	442422
NCBI GeneID	467
UniProt Accession #	P18847; Q5VTZ2; Q6ICQ9; Q7Z566; Q8WYM6
Molecular Weight	~20.6kD
NCBI Official Full Name	activating transcription factor 3
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.

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Online datasheet: <https://stage.aaabiotech.com/atf3-recombinant-protein-human/14755>