Cyclic AMP-dependent transcription factor ATF-4 (Atf4) Recombinant Protein | Atf4 recombinant protein

Recombinant Rat Cyclic AMP-dependent transcription factor ATF-4 (Atf4)

CATALOG #	HOST
AAA117552	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Cyclic AMP-dependent transcription factor ATF-4 (Atf4); Recombinant Rat Cyclic AMP-dependent transcription factor ATF-4 (Atf4); Atf4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-347. Full Length
Sequence	MTEMSFLNSE VLAGDLMSPF DQSGLGAEES LGLLDDYLEV AKHFKPHGFS SDKAGSSEWL AMDGLVSASD TGKEDAFSGT DWMLEKMDLK EFDFDALFRM DDLETMPDEL LATLDDTCDL FAPLVQETNK EPPQTVNPIG HLPESVIKVD QAAPFTFLQP LPCSPGFLSS TPDHSFSLEL GSEVDISEGD RKPDSAAYIT LTPQCVKEED TPSDSDSGIC MSPESYLGSP QHSPSTSRAP PDSLPSPGVP RGSRPKPYDP PGVSVTAKVK TEKLDKKLKK MEQNKTAATR YRQKKRAEQE ALTGECKELE KKNEALKEKA DSLAKEIQYL KDLIEEVRKA RGKKRVP
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Atf4 recombinant protein	This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). This protein belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been described. Two pseudogenes are located on the X chromsome at q28 in a region containing a large inverted duplication.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13242322
NCBI GeneID	79255
NCBI Accession #	NP_077379.1
NCBI GenBank Nucleotide #	NM_024403.2
UniProt Accession #	Q9ES19
Molecular Weight	38,152 Da
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-4

NCBI Official Synonym Full Names	activating transcription factor 4
NCBI Official Symbol	Atf4
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-4
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-4
UniProt Gene Name	**Atf4**
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-4; rATF-4

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://www.aaabiotech.com/atf4-recombinant-protein-e-coli/117552