Recombinant Human Cyclic AMP-dependent transcription factor ATF-2 (ATF2)

Product Code	CSB-YP002270HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15336
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKFKLHVNSA RQYKDLWNMS DDKPFLCTAP GCGQRFTNED HLAVHKHKHE MTLKFGPARN DSVIVADQTP TPTRFLKNCE EVGLFNELAS PFENEFKKAS EDDIKKMPLD LSPLATPIIR SKIEEPSVVE TTHQDSPLPH PESTTSDEKE VPLAQTAQPT SAIVRPASLQ VPNVLLTSSD SSVIIQQAVP SPTSSTVITQ APSSNRPIVP VPGPFPLLLH LPNGQTMPVA IPASITSSNV HVPAAVPLVR PVTMVPSVPG IPGPSSPQPV QSEAKMRLKA ALTQQHPPVT NGDTVKGHGS GLVRTQSEES RPQSLQQPAT STTETPASPA HTTPQTQSTS GRRRRAANED PDEKRRKFLE RNRAAASRCR QKRKVWVQSL EKKAEDLSSL NGQLQSEVTL LRNEVAQLKQ LLLAHKDCPV TAMQKKSGYH TADKDDSSED ISVPSSPHTE AIQHSSVSTS NGVSSTSKAE AVATSVLTQM ADQSTEPALS QIVMAPSSQS QPSGS
Source	Yeast
Target Names	ATF2
Protein Names	Recommended name: Cyclic AMP-dependent transcription factor ATF-2 Short name= cAMP-dependent transcription factor ATF-2 Alternative name(s): Activating transcription factor 2 Cyclic AMP-responsive element-binding protein 2 Short nam
Expression Region	1-505
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-responsive element (CRE), an octameric palindrome. The protein forms a homodimer or heterodimer with c-Jun and stimulates CRE-dependent transcription. The protein is also a histone acetyltransferase (HAT) that specifically acetylates histones H2B and H4 in vitro; thus it may represent a class of sequence-specific factors that activate transcription by direct effects on chromatin components. Additional transcript variants have been identified but their biological validity has not been determined.

Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.