

Human ATF4 Recombinant Protein



RPPB2440

Product Information Protein Information

Product SKU:

RPPB2440

Accession:

P18848

Host:

Escherichia Coli.

Protein description:

ATF4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 510 amino acids (1-351 a.a.) and having a molecular mass of 56.6kDa. ATF4 is fused to a 159 amino acid His-Calmodulin-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

ATF4 is supplied as a sterile filtered clear solution.

Synonyms:

Cyclic AMP-dependent transcription factor ATF-4, cAMP-dependent transcription factor, ATF-4, Activating transcription factor 4, Cyclic AMP-responsive element-binding protein 2, CREB-2, cAMP-responsive element-binding protein 2, DNA-binding protein, TAXREB67, Tax-responsive enhancer element-binding protein 67, TaxREB67, ATF4, CREB2, TXREB.

Formulation:

ATF4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MHHHHHHMAD QLTEEQIAEF KEAFSLFDKD GDGTITTKEL GTVMRSLGQN PTEAELQDMI NEVDADGNGT
IDFPEFLTMM ARKMKDTDSE EEIREAFRVF DKDNGYISA AELRHVMTNL GEKLTDEEVD EMIREADIDG
DGQVNYEEFV QMMTAKGSHM TEMSFLSSEV LVGDLMSPFD QSGLGAEESL GLLDDYLEVA KHFKPHGFSS
DKAKAGSSEW LAVDGLVSPS NNSKEDAFSG TDWMLEKMDL KEFDLDALLG IDDLETMPDD LLTLDLDDTCD
LFAPLVQETN KQPPQTVNPI GHLPELTKP DQVAPFTFLQ PLPLSPGVLS STPDHSFSLE LGSEVDITEG
DRKPDYAYV AMIPQCIKEE DTPSDNDSGI CMSPEYLGS PQHSPSTRGS PNRSLPSPGV LCGSARPKPY
DPPGKEMVAA KVKGEKLDKK LKKMEQNKTA ATRYRQKKRA EQEALTGECK ELEKKNEALK ERADSLAKEI
QYLKDLIEEV RKARGKRVV.