

## 32-3592: CREBZF Recombinant Protein

### Alternative Name :

CREB/ATF BZIP Transcription Factor, Host Cell Factor-Binding Transcription Factor Zhangfei, HCF-Binding Transcription Factor Zhangfei, Zhangfei, ZF, SHP-Interacting Leucine Zipper Protein, SMILE, CREB/ATF bZIP transcription factor.

### Description

Source : Escherichia Coli. CREBZF Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 377 amino acids (1-354 a.a) and having a molecular mass of 39.5kDa. CREBZF is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CREB/ATF BZIP Transcription Factor, also known as CREBZF activates transcription strongly once bound to HCFC1. CREBZF suppresses the expression of HSV proteins in cells infected with the virus in a HCFC1-dependent manner. CREBZF suppresses the HCFC1-dependent transcriptional activation through CREB3 and reduces the quantity of CREB3 in the cell. In addition, CREBZF is capable to down-regulate expression of a few cellular genes in CREBZF-expressing cells.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** CREBZF protein solution (0.25mg/ml) containing PBS buffer (pH 7.4), 20% glycerol, 1mM DTT and 0.1mM PMSF.

**Storage condition :** 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 :** MGSSHHHHHH SSGLVPRGSH MGSMRHS LTK LLAASGSNSP TRSESPEPAA TCSLPDLTR  
AAAGEEETAAAGSPGRKQQF GDEGELEAGR GSRGGVAVRA PSPEEMEEEE IASLPGEETE  
DMDFLSGLEL ADLLDPRQPDWHLDPGLSSP GPLSSSGGGS DSGGLWRGDD  
DDEAAAAEMQRFSDLLQRL NGIGGCSSSS DSGSAEKRRR KSPGGGGGGG  
SGNDNNQAATKSPRAAAAA ARLNRLKKKE YVMGLESVR GLAAENQELR AENRELGKRV  
QALQEEESRYL RAVLANETGLARLLSRLSGV GLRLTTS LFR DSPAGDHDYA LPVGKQKQDL  
LEEDDSAGGV CLHVDKDKVSVEFCSACARK ASSSLKM.

