

## 32-4056: Recombinant Human Kruppel-Like Factor 6

**Alternative Name :**

Krueppel-like factor 6,B-cell-derived protein 1,Core promoter element-binding protein,GC-rich sites-binding factor GBF,Proto-oncogene BCD1,Suppressor of tumorigenicity 12 protein,Transcription factor Zf9,KLF6,BCD1,COPEB,CPBP,ST12.

### Description

Source : Escherichia Coli. KLF6 Human Recombinant produced in E. coli is. a single polypeptide chain containing 306 amino acids (1-283) and having a molecular mass of 34.3kDa. KLF6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Kruppel-Like Factor 6 (KLF6) is a nuclear protein which has 3 zinc fingers. The zinc fingers of KLF6 are accountable for the specific DNA binding with the guanine-rich core promoter factors. The central region is involved in activation or posttranslational regulatory pathways, and the acidic N terminal domain takes part in the process of transcriptional activation.

### Product Info

**Amount :**

10 µg

**Purification :**

Greater than 85% as determined by SDS-PAGE.

**Content :**

The KLF6 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 1mM DTT.

**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 MGSM DVLPMC SIFQELQIVH ETGYFSALPS LEEYWQQTCL ELERYLQSEP  
CYVSA SEIKF DSQEDLWTKI ILAREKKEES ELKISSPPE DTLISPSFCY NLETNSLNSD VSESSDSSE  
ELSPTAKFTS DPIGEVLVSS GKLSSSVTST PPSSPELSRE PSQLWGCVPG ELPSPGKVRS GTSGKPGDKG  
NGDASPDGRR RVHRCHFNGC RKVYTKSSHL KAHQRTHTGE KPYRCSWEGC EWRFARSDEL  
TRHFRKHTGA KPFKCSHCDR CFSRSDHLAL HMKRHL.

