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KLF6, 1-283aa, Human, His tag, E.coli

产品货号: TP02737

第三版

**别名:**Kruppel-like factor 6 , B-cell-derived protein 1, BCD1, CBA1, COPEB, CPBP, Kruppel like factor 6, core promoter element binding protein,GBF, GC-rich binding factor, PAC1, Zf9

**描述:**KLF6, also known as Krueppel-like factor 6, is a nuclear protein that has three zinc fingers. The zinc fingers of this protein are responsible for the specific DNA binding with the guanine-rich core promoter elements. The central region might be involved in activation or posttranslational regulatory pathways, and the acidic N-terminal domain might play an important role in the process of transcriptional activation. It is capable of activating transcription approximately 4-fold either on homologous or heterologous promoters. Recombinant human KLF6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT

**分子量:**34.3 kDa(306aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSM DVLP MCSIFQELQIVHETGYFSALPSLEEYWQQTCLELERYLQSEPCYVSASEIKFD  
SQEDLWTKIILAREKKEESELKISSPPEDTLISPSFCYNLETNSLNSDVSESSDSSEELSPTAKFTSDPIGEVLVSSGKLSSSVTST  
PPSSPELSREPSQLWGCVPGELPSPGKVRSGTSGKPGDKGNGDASPDGRRRVHRCHFNGCRKVYTKSSH LKAHQRTHTGE  
KPYRCSWEGCEWRFARSDDELTRHFRKHTGAKPFKCSHCDFSRSDHLALHMKRHL

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.