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KLF4, 11-395aa, Human, His CaM tag, E.coli

产品货号: TP02736

第三版

别名: Kruppel-like factor 4, EZF, GKLF.

描述: KLF4 is a transcription factor which acts as both an activator and repressor. This protein is expressed principally in erythroid tissues and found predominantly in gut. KLF4 is involved in the differentiation of epithelial cells and may also function in skeletal and kidney development. Recombinant human KLF4 protein, fused to His- CaM-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.

分子量: 58.1 kDa (545aa)

序列:

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MAHHHHHHMADQLTEEQIAEFKEAFSLFDKDGDTITTKELGTVMRSLGQNPTEAELQDMINEVDADGNGTIDFPEFL  
TMMARKMKD TDSEEEIREAFRVFDKDGNGYISAAELRHVMTNLGEKLTDEEVDEMIREADIDGGQVNYEEFVQMMTA  
KGSMAVSDALLPSFSTFASGPAGREKTLRQAGAPNNRWREELSHMKRLPPVLPGRPYDLAAATVATDLESGGAGAACGGS  
NLAPLPRRETEEFNDLLDLDFILSNLTHPPESVAATVSSASASSSSPSSSGPASAPSTCSFTYPIRAGNDPGVAPGGTGGGLL  
YGRESAPPPTAPFNLADINDVSPSGGFVAELLRPELDPVYIPQPPQPPGGGLMGKFLKASLSAPGSEYGSPSVISVSKGSPD  
GSHPVVVAPYNGGPPRTCPKIKQEA VSSCTHLGAGPPLSNGHRPAAHDFPLGRQLPSRTTPTLGLLEVLSSRDCHPALPLPP  
GFHHPGPNYPSFLPDQMPPQVPPLHYQELMPPGSCMPEEPKPKRGRRSWPRKRTAT
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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.