

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

Cat.NO.: TP02735

3th Edition

Synonyms:Kruppel-like factor 4, EZF, GKLf

Description:KLF4 also known as Kruppel-like factor4. 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, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:44.2kDa (422aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMASDALLPSFSTFASGPAGREKTLRQAGAPNNRW
REELSHMKRLPPVLPGRPYDLAAATVATDLESGGAGAACGGSNLAPLPRRETEEFNDLLDLDFILSNLSLTHPPESVA
ATVSSSASASSSSSSPSSSGPASAPSTCSFTYPIRAGNDPGVAPGGTGGGLLYGRESAPPPTAPFNLADINDVSPSG
GFVAELLRPELDVPYIPPPQPPGGGLMGKFVLKASLSAPGSEYGSPSVISVSKGSPDGSHPVVVAPYNGGPPR
TCPKIKQEAVSSCTHLGAGPPLSNGHRPAAHDFPLGRQLPSRTTPTLGLLEVLSSRDCHPALPLPPGFHHPGPNY
PSFLPDQMPPQVPPLHYQELMPPGSCMPEEPKPKRGRRSWPRKRTAT

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.