

KLF3, 1-345aa, Human, His tag, E.coli

Cat.NO.: TP02734

3th Edition

Synonyms:Krueppel-like factor 3, BKLF, TEF2

Description:Krueppel-like factor3, also known as KLF3, is a member of the Sp1-like/KLF family. Kruppel-like factors (KLFs) comprise a family of evolutionarily conserved zinc finger-containing transcription factors with diverse regulatory functions in cell growth, proliferation, differentiation and embryogenesis. KLF3 is Kruppel-like zinc finger containing transcription factors. KLF3 may play a role in hematopoiesis. Recombinant human KLF3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Molecular Weight:41.2 kDa (368aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMMLFDPVPVKQEAMDPVSVSYPSNYMESMKPNKYGVIYSTPLPEKFFQTPE
GLSHGIQMEPVDLTVNKRSSPPSAGNSPSSLKFPSSHRRASPGLSMPSSSPPIKKYSPPSPGVQPFQVPLSMPPV
MAAALSRHGIRSPGILPVIQPVVVQPVPFMYTSHLQQPLMVSLSEEMENSSSSMQVPVIESYEKPIQKKIKIEPGIEP
QRTDYYPEEMSPPLMNSVSPQALLQENHPSVIVQPGKRPLPVESPDTRKRRIHRCYDGCNKVYTKSSHLKAH
RRHTGEKPYKCTWEGCTWKFARSDDELTRHFRKHTGIKPFQCPDCDRSFSRSDHLALHRKRHMLV

Purity:> 95% by HPLC

Concentration:1 mg/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.