

Recombinant Human KLF3, His-tagged

Cat. No. KLF3-15893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLF3 protein, fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-345aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	41.2 kDa (368aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLMFDPV PVKQEAMDPV SVSYPSNYME SMKPNKYGVI YSTPLPEKFF QTPEGLSHGI QMEPVDLTVN KRSSPPSAGN SPSSLKFPSS HRRASPGLSM PSSSPPIKKY SPPSPGVQPF GVPLSMPPVM AAALSRHGIR SPGILPVIQP VVVQPVPFMY TSHLQQPLMV SLSEEMENSS SSMQVPVIES YEKPIQKKI KIEPGIEPQR TDYYPEEMSP PLMNSVSPQ ALLQENHPSV IVQPGKRPLP VESPDTRQRK RIHRCDYDGC NKVYTKSSHL

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	KAHRRTHTGE KPYKCTWEGC TWKFARSDDEL TRHFRKHTGI KPFQCPDCDR SFSRSDHLAL HRKRHMLV
Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	KLF3 Kruppel-like factor 3 (basic) [Homo sapiens]
Official Symbol	KLF3
Synonyms	KLF3; Kruppel-like factor 3 (basic); Krueppel-like factor 3; basic Kruppel like factor; BKLF; TEF-2; transcript ch138; basic Kruppel-like factor; basic kruppel like factor; basic krueppel-like factor; CACCC-box-binding protein BKLF; MGC48279;
Gene ID	51274
mRNA Refseq	NM_016531
Protein Refseq	NP_057615
MIM	609392
UniProt ID	P57682

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Chromosome Location	4p16.1-p15.2
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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