

## Recombinant Human KLF3, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human KLF3 protein, fused to His tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-345aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Mass</b>	41.2 kDa (368aa)
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMLMFDPV PVKQEAMDPV SVSYPSNYME SMKPNKYGVI YSTPLPEKFF QTPEGLSHGI QMEPVDLTVN KRSSPPSAGN SPSSLKFPSS HRRASPGLSM PSSSPIKKY SPPSPGVQPF GVPLSMPPVM AAALSRHGIR SPGILPVIQP VVVQVPFMY TSHLQQPLMV SLSEEMENSS SSMQVPVIES YEKPISQKKI KIEPGIEPQR TDYYPEEMSP PLMNSVSPQ ALLQENHPSV IVQPGKRPLP VESPDTQRKR 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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<b>Chromosome Location</b>	4p16.1-p15.2
<b>Pathway</b>	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
<b>Function</b>	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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