

Recombinant human KLF3 protein

Catalog Number: ATGP2249

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-345aa

UniProt No.

P57682

NCBI Accession No.

NP_057615

Alternative Names

Krueppel-like factor 3, BKLF, TEF2

PRODUCT SPECIFICATION

Molecular Weight

41.2 kDa (368aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

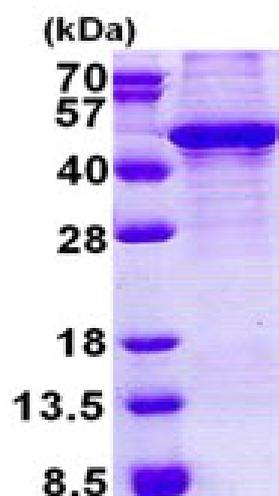
MGSSHHHHHH SSSLVPRGSH MGSMLMFDPV PVKQEAMDPV SVSYPSNYME SMKPNKYGVI YSTPLPEKFF QTPEGLSHGI
QMEPVDLTVN KRSSPPSAGN SPSSLKFPSS HRRASPGLSM PSSSPPIKKY SPPSPGVQPF GVPLSMPPVM AAALSRHGIR
SPGILPVIQP VVVQVPFMY TSHLQQPLMV SLSEEMENSS SSMQVPVIES YEKPIQKKI KIEPGIEPQR TDYYPEEMSP
PLMNSVSPQ ALLQENHPSV IVQPGKRPLP VESPDTQRKR RIHRCDYDGC NKVYTKSSHL KAHRRTHTGE KPYKCTWEGC
TWKFARSEDEL TRHFRKHTGI KPFQCPDCDR SFSRSDHLAL HRKRHMLV

General References

Kaczynski J., et al. (2003) Genome Biol. 4:206
Chiambaretta F., et al. (2004) Mol Vis. 10:901-909.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)