

# Product information

**KLF4, 11-395 aa**

**Human, His-tagged, Recombinant, *E.coli***

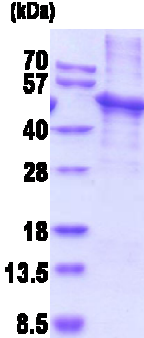
**Cat. No. IBATGP3009**

**Full name:** Kruppel-like factor 4

**NCBI Accession No.:** NP\_004226

**Synonyms:** 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*

<p><b>Form:</b> Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol</p> <p><b>Molecular Weight:</b> 44.2kDa (422aa)</p> <p><b>Purity:</b> &gt; 85% by SDS - PAGE</p> <p><b>Concentration:</b> 1mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
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**Sequences of amino acids:**

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMVA S DALLPSFSTF ASGPAGREKT LRQAGAPNNR WREELSHMKR LPPVLPGRPY  
DLAAATVATD LESGGAGAAC GGSNLAPLPR RETEEFNLL DLDFILSNL THPPESVAAT VSSASASSS SSPSSSGPAS APSTCSFTYP  
IRAGNDPGVA PGGTGGGLLY GRESAPPPTA PFNLADINDV SPSGGFVAEL LRPELDPVYI PPQQQPPGG GLMGKFVLKA SLSAPGSEYG  
SPSVISVSKG SPDGSHPVVV APYNGGPPRT CPKIKQEAVS SCTLHGAGPP LSNHRPAAH DFPLGRQLPS RTTPTLGLLE VLSSRDCHPA  
LPLPPGFHPH PGPNYPSFLP DQMQPQVPL HYQELMPPGS CMPEEPKPKR GRRSWPRKRT AT

**General references:**

Wei X., *et al* (2007). *Cancer Res.* 67:1853-1858.

Zhang P., *et al* (2010). *J. Biol. Chem.* 285:9180-9189.

**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.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**