

## 32-13280: KLF4 Human, His

**Alternative Name :** Kruppel-Like Factor 4 (Gut), GKLF, EZF, Epithelial Zinc Finger Protein EZF, Gut-Enriched Krueppel-Like Factor, Endothelial Kruppel-Like Zinc Finger Protein, Krueppel-Like Factor 4, Krueppel-like factor 4, Epithelial zinc finger protein EZF, Gut-enriched krueppel-like factor.

### Description

Source: E.coli.

Sterile Filtered colorless solution.

KLF4 is a transcription factor that performs as both an activator and repressor. KLF4 is expressed mainly in erythroid tissues and found mostly in gut. KLF4 is takes part in the differentiation of epithelial cells in addition to skeletal and kidney development. KLF4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 422 amino acids (11-395 a.a) and having a molecular mass of 44.2kDa. KLF4 is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 85% as determined by SDS-PAGE.

**Content :** KLF4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASV DALLPSFSTF ASGPAGREKT LRQAGAPNNR WREELSHMKR LPPVLPGRPY DLAAATVATD LESGGAGAAC GGSNLAPLPR RETEEFNDDL DLDFILSNL THPPESVAAT VSSASASSS SSPSSSGPAS APSTCSFTYP IRAGNDPGVA PGGTGGGLLY GRESAPPPTA PFNLADINDV SPSGGFVAEL LRPELDPVYI PPQQPQPPGG GLMGKFVLKA SLSAPGSEYG SPSVISVSKG SPDGSHPVVV APYNGGPPRT CPKIKQEA VS SCTLHGAGPP LSNGHRPAAH DFPLGRQLPS RTTPTLGL EE VLSSRDCHPA LPLPPGFHPH PGPNYPSFLP DQMGPQVPPL HYQELMPPGS CMPEEPKPKR GRRSWPRKRT AT.