

AR51829PU-S**Human KLF4 (11-395, His-tag) - Purified**

Alternate names:	EZF, Epithelial zinc finger protein EZF, GKL, Gut-enriched krueppel-like factor, Krueppel-like factor 4
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	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
Uniprot ID:	O43474
NCBI:	NP_004226
GeneID:	9314
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Description:	AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMVA S DALLPSFSTF ASGPAGREKT LRQAGAPNNR WREELSHMKR LPPVLPGRPY DLAATVATD LESGGAGAAC GGSNLAPLPR RETEEFNDLL DLDFILSNLSL THPPESVAAT VSSASASSS SSPSSSGPAS APSTCSFTYP IRAGNDPGVA PGGTGGGLLY GRESAPPPTA PFNLADINDV SPSGGFVAEL LRPELDPVYI PPQQPPPGG GLMGKFVLKA SLSAPGSEYG SPSVISVSKG SPDGSHPVVV APYNGGPPRT CPKIKQEAVS SCTLGAGPP LSNHRPAAH DFPLGRQLPS RTTPTLGLLE VLSSRDCHPA LPLPPGFHPH PGPNYPSFLP DQMPPQVPL HYQELMPPGS CMPEEPKPKR GRRSWPRKRT AT Molecular weight: 44.2 kDa (422aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Wei X., et al (2007). Cancer Res. 67:1853-1858. Zhang P., et al (2010). J. Biol. Chem. 285:9180-9189.

Pictures:

