

Product datasheet for AR51829PU-N

KLF4 (11-395, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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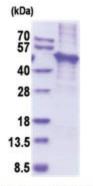
Product Type:	Recombinant Proteins
Description:	KLF4 (11-395, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAVS DALLPSFSTF ASGPAGREKT LRQAGAPNNR WREELSHMKR LPPVLPGRPY DLAAATVATD LESGGAGAAC GGSNLAPLPR RETEEFNDLL DLDFILSNSL THPPESVAAT VSSSASASSS SSPSSSGPAS APSTCSFTYP IRAGNDPGVA PGGTGGGLLY GRESAPPPTA PFNLADINDV SPSGGFVAEL LRPELDPVYI PPQQPQPPGG GLMGKFVLKA SLSAPGSEYG SPSVISVSKG SPDGSHPVVV APYNGGPPRT CPKIKQEAVS SCTHLGAGPP LSNGHRPAAH DFPLGRQLPS RTTPTLGLEE VLSSRDCHPA LPLPPGFHPH PGPNYPSFLP DQMQPQVPPL HYQELMPPGS CMPEEPKPKR GRRSWPRKRT AT
Tag:	His-tag
Predicted MW:	44.2 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001300981</u>
Locus ID:	9314
UniProt ID:	<u>O43474</u>
Cytogenetics:	9q31.2



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	KLF4 (11-395, His-tag) Human Protein – AR51829PU-N
Synonyms:	EZF, GKL
Summary:	This gene encodes a protein that belongs to the Kruppel family of transcription factors. The encoded zinc finger protein is required for normal development of the barrier function of skin. The encoded protein is thought to control the G1-to-S transition of the cell cycle following DNA damage by mediating the tumor suppressor gene p53. Mice lacking this gene have a normal appearance but lose weight rapidly, and die shortly after birth due to fluid evaporation resulting from compromised epidermal barrier function. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]
Protein Families	: Adult stem cells, Embryonic stem cells, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Transcription Factors

Product images:



15% SDS-PAGE (3ug)

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