9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KLF4 Human, His

Kruppel-Like Factor 4 Human Recombinant, His Tag
RCP1172

Product Overview

Name	KLF4 Human, His
Description	
Kruppel-Like Factor 4 Human Recombinant, His Tag	
Accession (Primary)	O43474
Synonyms	
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
KLF4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSM AVS DALLPSFSTF ASGPAGREKT LRQAGAPNNR WREELSHMKR LPPVLPGRPY DLAAATVATD LESGGAGAAC GGSNLAPLPR RETEEFNDLL DLDFILSNSL THPPESVAAT VSSSASASSS SSPSSSGPAS APSTCSFTYP IRAGNDPGVA PGGTGGGLLY GRESAPPPTA PFNLADINDV SPSGGFVAEL LRPELDPVYI PPQQPQPPGG GLMGKFVLKA SLSAPGSEYG SPSVISVSKG	

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SPDGSHPVVV APYNGGPPRT CPKIKQEAVS SCTHLGAGPP LSNGHRPAAH DFPLGRQLPS RTTPTLGLEE VLSSRDCHPA LPLPPGFHPH PGPNYPSFLP DQMQPQVPPL HYQELMPPGS CMPEEPKPKR GRRSWPRKRT AT.

Precautions

KLF4 Human, His is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43474)