9051 Mira Mesa Blvd, #910094
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KLF4 Human

Kruppel-Like Factor 4 Human Recombinant
RCP1171

Product Overview

Name	KLF4 Human
Description	
Kruppel-Like Factor 4 Human Recombinant	
Accession (Primary)	O43474
Synonyms	
Kruppel-like factor 4 (gut), EZF, GKLF , Epithelial zinc finger protein EZF, Gut-enriched krueppel-like factor, endothelial Kruppel-like zinc finger protein.	
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	
The KLF4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl 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 80% as determined by SDS-PAGE.	
Amino acid sequence	
MAHHHHHHMA DQLTEEQIAE FKEAFSLFDK DGDGTITTKE LGTVMRSLGQ NPTEAELQDM INEVDADGNG TIDFPEFLTM MARKMKDTDS EEEIREAFRV FDKDGNGYIS AAELRHVMTN LGEKLTDEEV DEMIREADID GDGQVNYEEF VQMMTAKGS M AVSDALLPSF STFASGPAGR EKTLRQAGAP NNRWREELSH MKRLPPVLPG RPYDLAAATV ATDLESGGAG AACGGSNLAP LPRRETEEFN DLLDLDFILS NSLTHPPESV AATVSSSASA SSSSSPSSSG PASAPSTCSF TYPIRAGNDP GVAPGGTGGG LLYGRESAPP PTAPFNLADI NDVSPSGGFV	

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AELLRPELDP VYIPPQQPQP PGGGLMGKFV LKASLSAPGS EYGSPSVISV SKGSPDGSHP VVVAPYNGGP PRTCPKIKQE AVSSCTHLGA GPPLSNGHRP AAHDFPLGRQ LPSRTTPTLG LEEVLSSRDC HPALPLPPGF HPHPGPNYPS FLPDQMQPQV PPLHYQELMP PGSCMPEEPK PKRGRRSWPR KRTAT

Precautions

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

Target Information: (O43474)