## 32-4055: Recombinant Human Kruppel-Like Factor 4

Alternative Name : Kruppel-like factor 4 (gut),EZF,GKLF,Epithelial zinc finger protein EZF,Gut-enriched krueppel-like - factor,endothelial Kruppel-like zinc finger protein.

## Description

Source : E.coli. KLF4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 545 amino acids (11-395) and having a molecular mass of 58.1 kDa . The KLF4 is fused to a 159 amino acid His-CaM Tag at Nterminus and purified by proprietary chromatographic techniques. 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.

## Product Info

## Amount: $\quad 10 \mu \mathrm{~g}$

Purification: Greater than $80 \%$ as determined by SDS-PAGE.

## Content :

## Storage condition :

Amino Acid : $10 \%$ glycerol. multiple freeze-thaw cycles.

The KLF4 solution ( $1 \mathrm{mg} / \mathrm{ml}$ ) contains 20 mM Tris- HCl buffer ( pH 8.0 ), 1 mM DTT, 0.1 M NaCl and

Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ for longer periods of time. For long term storage it is recommended to add a carrier protein ( $0.1 \%$ HSA or BSA).Avoid

MAHHHHHHMA DQLTEEQIAE FKEAFSLFDK DGDGTITTKE LGTVMRSLGQ NPTEAELQDM INEVDADGNG TIDFPEFLTM MARKMKDTDS EEEIREAFRV FDKDGNGYIS AAELRHVMTN LGEKLTDEEV DEMIREADID GDGQVNYEEF VQMMTAKGSM AVSDALLPSF STFASGPAGR EKTLRQAGAP NNRWREELSH MKRLPPVLPG RPYDLAAATV ATDLESGGAG AACGGSNLAP LPRRETEEFN DLLDLDFILS NSLTHPPESV AATVSSSASA SSSSSPSSSG PASAPSTCSF TYPIRAGNDP GVAPGGTGGG LLYGRESAPP PTAPFNLADI NDVSPSGGFV AELLRPELDP VYIPPQQPQP PGGGLMGKFV LKASLSAPGS EYGSPSVISV SKGSPDGSHP VVVAPYNGGP PRTCPKIKQE AVSSCTHLGA GPPLSNGHRP AAHDFPLGRQ LPSRTTPTLG LEEVLSSRDC HPALPLPPGF HPHPGPNYPS FLPDQMQPQV PPLHYQELMP PGSCMPEEPK PKRGRRSWPR KRTAT


