

Human KLF4 Recombinant Protein



RPPB3794

Product Information Protein Information

Product SKU:

RPPB3794

Accession:

O43474

Host:

E.coli.

Protein description:

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 N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

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

Formulation:

The KLF4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

Purity:

Greater than 80% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MAHHHHHHMA DQLTEEQIAE FKEAFSLFDK DGDGTITTK E LGTVMRSLGQ NPTEAELQDM INEVDADGNG
TIDFPEFLTM MARKMKD TDS EEEIREAFRV FDKDNGYIS AAELRHVMTN LGEKLTDEEV DEMIREADID
GDGQVNYEEF VQMMTAKGSM AVSDALLPSF STFASGPAGR EKTLRQAGAP NNRWREELSH MKRLPPVLP
RKYDLAAATV ATDLESGGAG AACGGSNLAP LPRRETEEFN DLLDLDFILS NSLTHPPESV AATVSSSASA
SSSSPSSSG PASAPSTCSF TYPIRAGNDP GVAPGGTGGG LLYGRESAPP PTAPFNLADI NDVSPSGGFV
AELLRPELDP VYIPPPQPPQ PGGGLMGKFV LKASLSAPGS EYGSPSVISV SKGSPDGSHV VVVAPYNGGP
PRTCPKIQE AVSSCTHLGA GPPLSNGHRP AAHDFPLGRQ LPSRTTPTLG LEEVLSSRDC HPALPLPPGF
HHPGPNYPS FLPDQMPPQV PPLHYQELMP PGSCMPEEPK PKRGRRSWPR KRTAT