

Recombinant Human KLF5 protein, T7/His-tagged

Cat. No. KLF5-133H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLF5 cDNA (457aa, derived from BC042131) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGRHHHHHGNLYFQGGEFATRVLSMSARLGPVPQPPAPQDEP VFAQLKPVLGAA NPARD AALFP GEELKHAHHRPQAQPAPAQAPQAQPPATGPRL PPEDLVQTRCEMEKYLTPQLPPVPIPEHKKYRRDSASVVDQ FFTDTEGLPYSINMN VFLPDITHLRTGLYKSQRPCVTHIKTEPVAIFSHQSETTAPPPAPTQALPEFTSIFSSH Q TAAPEVNNIFIKQELPTPDLHLSVPTQQGHLYQLLNTPDLDMPSSTNQTAAMDTLN VSMSAAMAGLNTHTSAPVQ TAVKQFQGMPPCTYTMPSQFLPQQATYFPPSPPSSE PGSPDRQAEMLQNLTPPPSYAATIASKLAIHNPNLPTTL PVNSQNIQPVRYNRRSNP DLEKRRIHYCDYPGCTKVYTKSSHLKAHLRHTHTGEKPYKCTWEGCDWRFARSDALT R HYRKHTGAKPFQCGVCNRSFSRSDHLALHMKRHQN
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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GENE INFORMATION

Gene Name	KLF5 Kruppel-like factor 5 (intestinal) [Homo sapiens]
Official Symbol	KLF5
Synonyms	KLF5; Kruppel-like factor 5 (intestinal); BTEB2; Krueppel-like factor 5; CKLF; IKLF; BTE-binding protein 2; GC box binding protein 2; GC-box-binding protein 2; colon kruppel-like factor; colon krueppel-like factor; transcription factor BTEB2; intestinal-enriched kruppel-like factor; intestinal-enriched krueppel-like factor; basic transcription element binding protein 2; basic transcription element-binding protein 2;
Gene ID	688
mRNA Refseq	NM_001730
Protein Refseq	NP_001721
MIM	602903
UniProt ID	Q13887
Chromosome Location	13q21.3
Pathway	Adipogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem;
Function	DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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