

Product datasheet for **SC108803**

KLF13 (NM_015995) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLF13 (NM_015995) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLF13
Synonyms:	BTEB3; FKLF2; NSLP1; RFLAT-1; RFLAT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015995, the custom clone sequence may differ by one or more nucleotides

ATGGCAGCCGCCGCTATGTGGACCACTTCGCCGCCGAGTGCCTCGTGTCCATGTCGAGCCGCGCGGTCTG
TGCACGGGCCGCGGGAGGGGCCGAGTCCCGGCCGAGGGCGCGGCCGTGGCCGCCACCCCCACGCTGCC
CCGCGTCGAGGAGCGCCGCGACGGTAAGGACAGCGCCTCGCTCTTCGTGGTGGCGCGGATCCTAGCGGAC
CTCAACCAGCAAGCGCCGGCGCCCGCCCGGCGGAGCGCAGGGAGGGCGCCGCGGCCGGAAGGCGAGGA
CCCCCTGCCGCTGCCGCCGCCGCCCGAGCCACCTCCCCGGCGCCGAAGGCGGGCGGCCGCGCC
CCCCAGCCGGCGTGGAGCGAGCCGAGCCGAGGCGGGGCTGGAGCCCGAGCGGGAGCCGGGGCCCGCG
GGGAGCGCGAGCCGGCCTCAGACAAAGGTCCGGCGGGGCCGAAGTCGCGCCGACCTCGAGTCCCCGC
AGAGGAAGCACAAAGTGCCACTACGCGGGCTGCGAGAAAGTTACGGGAAATCTTCGCACCTCAAGGCGCA
CCTGAGAACTCACACAGGTGAGAGGCCCTTCGCCTGCAGCTGGCAGGACTGCAACAAGAAGTTTCGCGCGC
TCCGACGAGCTGGCGCGGCACTACCGCACACACGCGGCGAGAAGAAGTTCAGTGCCCCATCTGCGAGA
AGCGCTTCATGCGCAGCGACCACCTGACCAAGCACGCGCGCCGCCACGCCAACTTCCACCCGGGAATGCT
GCAGCGGCGCGGGGGGCTCGCGGACCGGCTCCCTCAGCGACTACAGCCGCTCCGACGCCAGCAGCCCC
ACCATCAGCCCGGCCAGCTCGCCCTGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015995 unedited AATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGCCGCGACTTGGCGAGGTG GTCCCTAACGTTGCCGCTCGGCATCCTTAGAACCGGCCGCCCTGACGCCGCGCGGGAC CCAGTCGCCCCGCGCGCCCATGCGTCACTCTTCGGTGGCCGGCCGGCCGGCGCCTCG CAGACGCGGAGCCGCGCGGTGACGGCACAGGCGGCTGCGCGCCAGCCAGCCAGCCAGCC AGCCCGAGGAGAGGGCGCGCCGCCCGCCCCCGCCCCCGCCGCTCTCCGAGGCCGTGGGT GCGGATGCGCGGCTGACGACTCGCAGCAAGAGCACGCCGCCGGCCCGCCAGCCCGCAGCAT GGCAGCCGCCGCTATGTGGACCACTTCGCCGCCGAGTGCCTCGTGTCCATGTGAGCCG CGCGGTGTCGACGGGCCGCGGGAGGGCCGAGTCCCGGCCGAGGGCGCGGCCGTGGC CGCCACCCACGCTGCCCCGCGTCGAGGAGCGCCGCGACGGTAAGGACAGCGCCTCGCT CTTCGTGGTGGCGCGATCCTAGCGGACCTCAACCAGCAAGCGCCGGCGCCCGCCCGGC GGAGCGCAGGGAGGGCGCCGCGGCCGAGGGCGAGGACCCCTGCGCTGGCGCGCC CGCCCCGAGCCACCTTCCCGGGGGCCGAAGCNCGGNGGCCGCGCCCCAGCCGG GGTGGAGCGAGCCGAGCCGAGCGGGGGCTGAGCCGAACGGGAGCCGGGCCCGCGG GGAGCGCGACCCGCTCANACAAGGGTCCCGGGGGCCAAACCCGCCAACCTTAGTT CCCGGAGAGGAACACAAGGCCCTTACGGGGTTGGGAAAAGAGTCCGGAAATTTTCGACC TCAGGGGCCCTGGGACTC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015995 unedited GGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTAAACAATTTACTTTGACACCTG AGGTGAAAAAATTGTTTTTTCGTGGACTTTGCATCAAGTTCTCTCTTTCTTTCTATT ACAAAAGGAAAGGCCAGGACTCACGAGGGGTGGGAGCGGCTGCTCATGGCTGTGGCGG GCTCAGGGCGAGCTGGCCGGGCTGATGGTGGGGCTGCTGGCGTCGGAGCGGCTGTAGTCG CTGAGGGAGCCGCTCCGCGAGCCCCGCCGCGCCGCTGCAGCATTCCCGGGTGAAGTTG GCGTGGCGGCGCGCTGCTTGGTCAGGTGGTGGCTGCGCATGAAGCGCTTCTCGCAGATG GGGAGCTGAAGTTCTTCTCGCCGTGTGTGTCGGTAGTGCCGCGCCAGCTCGTCGGAG CGCGCAACTTCTTGTTCAGTCTGCCAGCTGCAGGCGAAGGGCCTCTCACCTGTGTGA GTTCTCAGGTGCGCTTTCAGGTGCGAAGATTTCCCGTAACTTTCTCGCAGCCCGCTAG TGGCACTTGTGCTTCTCTGCGNGACTCGAGGTGCGCGGACTTCNGCCCCGCCGACC CTTTGTCTGAGCCGGGCTCGCCGCTCCCGCGGGCCCCGGCTTCCGCTCGGGCTCCAGC CCCGCCTCGGGTCCGGCTCGCTCCACGCCGGGCTGGGGGGCGCGGNCGCCGCGCTTCG GCGCCCGGGAAAGTGGCTCGGGGCCGCCGCCGCGCAGCGCAGGGGGTCCCTCGCTTTC GGCGCGCGGNGCCCTCCTGCGCTCCGNNCGGGCGGCCGCGGCGCTTGTGGTTGAGGTCC CTAGGATCCGCGCCACCACGAAAGCGAGGCGCTGTCTACCCTGGCGCGCTCTNACCCG GGCAGTGGGGGGGGGNCGCCGCGGGCTTGGCCGGAATCCGGCCTTCCGCGCCCGG ACAAACGA
Restriction Sites:	NotI-NotI
ACCN:	NM_015995
Insert Size:	640 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_015995.2, NP_057079.2</u>
RefSeq Size:	6817 bp
RefSeq ORF:	867 bp
Locus ID:	51621
UniProt ID:	<u>Q9Y2Y9</u>
Cytogenetics:	15q13.3
Domains:	zf-C2H2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	KLF13 belongs to a family of transcription factors that contain 3 classical zinc finger DNA-binding domains consisting of a zinc atom tetrahedrally coordinated by 2 cysteines and 2 histidines (C2H2 motif). These transcription factors bind to GC-rich sequences and related GT and CACCC boxes (Schohy et al., 2000 [PubMed 11087666]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).