

## Product datasheet for **SC320498**

### 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:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_015995.2  
CGACTTGGCGAGGTGGTCCCTAACGTTGCCGCTCGGCATCCTTAGAACCGCCGCCCTG  
ACGCCGCGGGGACCCAGTCGCCCGCGCCCATGCGCTCACTCTTCGGTGCCCGG  
CGGGCCGCGCCTCGCAGACGCGAGCCGCGGGTGACGGCACAGGCGGCTGCGCGCC  
AGCCCAGCCCAGCCCAGCCCAGGAGAGGGCGCGCCGCGCCCCGCCCGCCGCTCT  
CCCCAGGCCGTGGGTGCGGATGCGCGGCTGACGACTCGCAGCAAGAGCACCGCCCGG  
CCCAGCCCGCAGCATGGCAGCCCGCCTATGTGGACCACTTCGCCGCGAGTGCCTCGT  
GTCCATGTCGAGCCGCGGGTGTGCACGGCCGCGGGAGGGGCCGGAGTCCCGGCCGA  
GGGCGCGCCGTGGCCGCCACCCACGCTGCCCGCGTCGAGGAGCGCCGCGACGGTAA  
GGACAGCGCCTCGCTCTTCGTGGTGGCGGGATCCTAGCGGACCTCAACCAGCAAGCGCC  
GGCGCCCGCCCGCGGAGCGCAGGGAGGGCGCCGCGGCCGGAAGGCGAGGACCCCTG  
CCGCTGCGCCCGCCCGCCCGAGCCACCTCCCGCGCGCGAAGGCGCGCGCCCGC  
GCCCCCAGCCCGCGTGGAGCGAGCCGAGCCGAGGCGGGGTGGAGCCCGAGCGGA  
GCCGGGGCCCGGGGAGCGGCGAGCCCGCCTCAGACAAAGGTCCGGCGGGCCGAAG  
TCGCGCCGACCTCGAGTCCCGCAGAGGAAGCACAAGTGCCTACGCGGGTGCAGAA  
AGTTTACGGGAAATCTTCGCACCTCAAGGCGACCTGAGAATCACACAGGTGAGAGGCC  
CTTCGCTGCAGCTGGCAGGACTGCAACAAGAAGTTCGCGCGCTCCGACGAGTGGCGG  
GCACTACCGCACACACAGGGCGAGAAGAAGTTCAGCTGCCCCATCTGCGAGAAGCGCTT  
CATGCGCAGCGACCACCTGACCAAGCAGCGCGCCGCCACGCCAACTTCCACCCGGGAAT  
GCTGAGCGGCGCGGGGGCTCGCGGACCGGCTCCCTCAGCGACTACAGCCGCTCCGA  
CGCCAGCAGCCCAACATCAGCCCGGCCAGCTCGCCCTGAGCCCGCCACAGCCATGAGCA  
GCCGCTCCACCCCTCGTGAAGTCCCTGGCCTTCTTTTGTAAATAAGAAAGAAGAGAGA  
GAACTTGATGCAAAGTCCACGAAAAACAATTTTTTTTACCTCAGGTGTCAAAGTAAATT  
TGTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire



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<b>ACCN:</b>	NM_015995
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_015995.2</a></u> , <u><a href="#">NP_057079.2</a></u>
<b>RefSeq Size:</b>	6817 bp
<b>RefSeq ORF:</b>	867 bp
<b>Locus ID:</b>	51621
<b>UniProt ID:</b>	<u><a href="#">Q9Y2Y9</a></u>
<b>Cytogenetics:</b>	15q13.3
<b>Domains:</b>	zf-C2H2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>