

## Product datasheet for **MC200821**

### Klf5 (NM\_009769) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Klf5 (NM\_009769) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Klf5  
**Synonyms:** 4930520J07Rik; Bteb2; CKLF; IKLF  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC012958 sequence for NM\_009769  
 CCACGCGTCCGGTACGCGCTCTTAGGTTGCTGGTGGAGCTTGGGGGTGGCGGGAGCGGGTTCCGGCGA  
 GAGGGTGAGCGAGCGCTGGGGCGGGGCGGAGAAAGTGGCTGCCGAGGACCTCGCGGTGACGCGTGCC  
 CGAGCCCAGGAGCCCGATCTCCGTGCCGCTTCGTGAGCGTCTGGCTGCCGGCCAGGGTCCCCCGC  
 CGCGGCCCGCCGAGTCCGCCGTCCCGTCCAGCCGAGCGAGGTGGGATCGCGATCGCTCCGTGCC  
 CGCTCCGTAATCCCAGACCGTCCATGCCACGCGGTGCTGACCATGAGCGCCCGCTGGGACCACTG  
 CCCCAGCCGCGCCGCGCAGGACGAGCCCGTGTTCGCGCAGCTCAAGCCGGTGTGGGCGCTGCGAACC  
 CGGCCCGCAGCGCGGCTCTTCTCCGGAGACGATCTGAAACACGCGCACCACCACCCGCTGCGCCGCC  
 GCCAGCCGCTGGCCCGGACTGCCCTCGGAGGAGCTGGTCCAGACAAGATGTGAAATGGAGAAGTATCTG  
 ACCCTCAGCTCCCTCCAGTTCGATAATTTCCAGAGCATAAAAAGTATAGACGAGACAGTGCCTCAGTGG  
 TAGACCAGTTCCTCACTGACACTGAAGGCATACCTTACAGCATCAACATGAACGTCTTCTCCCTGACAT  
 CACTCACCTGAGAACTGGCCTCTACAAATCCCAGAGACCATGCGTAACACAGATCAAGACAGAACCTGTT  
 ACCATTTTCAGCCACCAGAGCGAGTCCGACGCCCCCTCCTCCTCCTCCGGCCCCCACCAGGCTCTCCCCG  
 AGTTCACTAGTATCTTCACTCCACCAGACCACAGCGCCACCACAGGAGGTGAACAATATCTTCACTCAA  
 ACAAGAACTTCTATACCAGATCTTCACTCTCTGTCCCTTCCCAGCAGGGCCACCTGTACCAGTGTTG  
 AATACACCGGATCTAGACATGCCAGTTCGACAAAACCAGACGGCAGTAATGGACACCTTAATGTTTCTA  
 TGGCAGGCCTTAACCCACACCCCTCTGCTGTTCCACAGACGTCAATGAAACAGTTCAGGGCATGCCCC  
 TTGCACGTACACCATGCCAAGTCAGTTTCTTCCACAGCAGGCCACCTACTTCCCCCGTCAACCAAGC  
 TCAGAGCCTGGAAGTCCCGATAGACAAGCTGAGATGCTGCAGAATCTCACCCACCTCCGTCTATGCC  
 CTACAATTGCTTCCAACTGGCGATTACAAACCAAAATTTACCTGCCACTCTGCCAGTAAATTCCGCAAC  
 TCTCCACCTGTGAGATACAACAGAAGGAGTAACCCGGATCTGGAGAAGCGACGTATCCACTTCTGCGAT  
 TATAATGGTTGCACAAAAGTTTATACAAAGTCGTCTCACTTAAAAGCTCACCTGAGGACTCATACGGCG  
 AGAAGCCCTACAAGTGCACCTGGGAGGGCTGCGACTGGAGGTTTGCCTGGTCCGATGAGCTGACCCGCCA  
 CTACAGGAAGCACACGGGCGCAAGCCGTTCCAGTGCATGGTGTGCCAACGCAGCTTCTCCCGCTCCGAC  
 CACCTCGCGCTGCACATGAAGCGCCACCAGAAGTGAAGCGAGCGCTGCGCCACCCGCTGACGCT  
 TGCAGTCCGCTGCCATCCTTTAAACCGCAGACCTAACCTCATAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_009769
<b>Insert Size:</b>	1341 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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>	<a href="#">BC012958</a> , <a href="#">AAH12958</a>
<b>RefSeq Size:</b>	1739 bp
<b>RefSeq ORF:</b>	1341 bp
<b>Locus ID:</b>	12224
<b>UniProt ID:</b>	<a href="#">Q9Z0Z7</a>
<b>Cytogenetics:</b>	14 E2.2
<b>Gene Summary:</b>	Transcription factor that binds to GC box promoter elements. Activates the transcription of these genes.[UniProtKB/Swiss-Prot Function]