

## Product datasheet for **RN209555**

### **Klf5 (NM\_053394) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klf5 (NM_053394) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klf5
Synonyms:	Bteb2; bteb2; IKLF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209555 representing NM\_053394  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCACGCGGGTGCTGACCATGAGCGCCCGCTGGACCAGTGCCCCAGCCGCGCCGCGCAGGACG  
AGCCAGTGTTTCGCGCAGCTCAAGCCGGTGTGGCGCTGCGAACCAGGTCCGCGACGCGGCCTTCCC  
CGGAGACGATCTGAAACACGCGCACCACCACCCGCTGCGCCGCGCCAGCCGCGCCGCGACTGCCT  
TGCGAGGAGCTGGTCCAGACAAGATGTGAAATGGAGAAGTATCTGACACCTCAGCTTCTCCAGTCCGA  
TAATTTACAGACATAAAAAATACAGACGAGACAGTGCCTCAGTGGTTCGACCAGTTCCTCACTGACTGA  
AGGCTTACCTTACAGCATCAACATGAACGTCTTCTCCCTGACATCACGCACCTGAGAACTGGCCTCTAC  
AAATCCCAGAGACCATGCGTAACACAGATCAAGACAGAACCTGTTACCATTTTCAGCCACCAGAGCGAAT  
CCACCGCCCTCTCTCCGGCCCCACCCAGGCCCTCCCTGAGTTCACCAGTATATTAGCTCCCACCA  
GACCACAGCGCCAGAGGTGAACAATATCTTCATCAAACAAGAAGTTCCTATACCAGATCTTCATCTCTCG  
GTCCTTCCCAGCAGGGCCACCTGTACCAGCTGTTGAATACACCTGATCTAGACATGCCAGTTCGACAA  
ACCAGACAGCAGTCATGGACACCCTTAATGTCTCTATGGCTGGCCTTAACTCACACCCTCTGCTGTGCC  
ACAGAGTCCATGAAACAGTTCAGGGCATGCCTCCTTGACGTACACCATGCCGAGTCAGTTTCTTCCA  
CAGCAGGCCACCTACTTTCCCCCATCACCCAGGCTCAGAGCCTGGAAGTCTGATAGACAAGCTGAGA  
TGCTCCAGAATCTGACCCACCTCCGTCCTATGCTGCTACAATTGCTTCGAAACTGGCAATTCACAAATCC  
AAATTTACCTGCCACTCTGCCAGTAAATTCGCCAAATATCCAACCTGTCCGATACAACAGAAGGAGTAAC  
CCGGATCTGGAGAAGCGACGCATCCATTTCTGTGATTATGATGGTTCACAAAAGTTTATACAAAGTCGT  
CTCATTTAAAAGCTCACCTGAGGACTCATACGGGCGAGAAGCCCTACAAGTGCACCTGGGAGGGCTGCGA  
CTGGAGGTTTGCCCGGTTCGGACGAGCTGACCCGCGCACTACAGGAAGCACACGGGTGCCAAGCCGTTCCAG  
TGCGTGGTGTGAACCGCAGCTTCTCCGCTCCGACCACCTGGCGCTGCACATGAAGCGCCACCAGAAGT  
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053394

**Insert Size:** 1332 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: [NM\\_053394.2](#), [NP\\_445846.2](#)  
RefSeq Size: 3232 bp  
RefSeq ORF: 1332 bp  
Locus ID: 84410  
Cytogenetics: 15q21  
Gene Summary: mouse homolog is a transcription factor involved in positive regulation of cellular proliferation [RGD, Feb 2006]