

Product datasheet for **MC205755**

Klf15 (NM_023184) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klf15 (NM_023184) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klf15
Synonyms:	1810013I09Rik; AV048136; AW494632; CKLF; KKLF
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC013486
 CCCACGCGTCCGCTCTGCAGTCACCACAGGCTCGGCCAGGCCAGCATGGTGGACCACCTGCTTCCAGTGG
 ACGAGACCTTCTCGTCACCGAAATGCTCAGTGGGTTACCTAGGGGACAGGCTGGCCAGCCGGCAGCCATA
 CCACATGTTGCCCTCGCCATCTCGGAGGATGACAGCGATGTCTCCAGCCCCTGCTTTGTGCCAGCCCT
 GACTCGCAAGCCTTCTGTTCTGCTACAGTGCCGGTCCAGGCCCTGAGGCCAGGGCAGCATCTTGATT
 TCCTCCTGTCCCGGGCCACACTGGGCAGTGGTGGTGGCAGTGGAGTATTGGAGATAGCAGTGGCCCTGT
 GACCTGGGATCATGGAGGAGAGCCTCTGTGCCGTGAAGGAGGAACATTTCTGCTTCCCTGAATTTCTG
 TCAGGGGACACTGATGAGTCTCCAGGCCCTCCAGCCTACCCTGGAGGAGATTGAAGAATTCCTGGAAAG
 AGAACATGGAGGCTGAGGTCAAGGAGGCCCCAGAGAACGGTAGCAGGGACCTGGAGACCTGTAGCCAGCT
 CTCAGCTGGGTACACCCGGAGCCACCTTATCCAGAGTCTGCTGGGAGAGAGCGTGTACCCACCACCA
 GGTGGCACGAGTGGGGTGGTGCCTAAAGTGCAGGTGAGGGGCCAGCACATGATGGCCCCGTGCCGTGC
 TACTGCAGATCCAGCCTGTTGCTGTGAAGCAGGAGGCAGGTACAGGGCCAGCCTCCCCAGGGCAGGCCCC
 AGAGAGCGTCAAGGTCGCCAGCTTCTAGTCAACATCCAGGGCAGACCTTGCCTCCTGCCTCAAGTG
 GTACCATCTCCAACCTGAACCTGCCCTCAAAGTTTGTGCGAATTGCGCCTGTGCCATTGCCGCAAAAC
 CTATTGGCTCAGGATCCCTAGGGCCCGGCCCTGCTGGCCTCCTTGTGGCCAGAAGTTTCCCAAGAACC
 AGCAGCAGAACTTCTCAAATGCACAAATGCACCTTCCAGGCTGCAGCAAGATGTACACCAAGAGCAGC
 CACCTCAAGGCCACCTGCGTCGGCACACAGGCCGAGAAGCCCTTGCCTGCACCTGGCCAGGCTGCGGCT
 GGAGGTTTTCCCGCTCAGATGAGTTGTCAAAGCACCGGCGATCTCACTCGGGTGTGAAGCCGTACCAGTG
 TCCCGTGTGCGAGAAGAAATTCGCGCGGAGTGACCACCTCTCAAACACATCAAAGTGCATCGCTTCCCA
 CGAAGCAGCCGCGCAGTACGCGCCATCAACTGAGCGCAGTGGCCGCCCTTCCCTCCCCAGCTCCACGTT
 TTGTTTTAAATGCAATAACTTATTGCCTCTTTTTCAGAAGGATGTGACAATATTACCAGCCCCCTCCCC
 TTCTGAATCTTAGGAGGTATGACCCAGAGCCACCATGGCTGCCTTCTGGGGAAGACCTAGAGTCCCTAT
 GGTCCTGGGGGCTGGTTCCCGGTGGCCAGGTGGCCAGGCAGGCCTGTGCCCTTGTGCCCTTTGTGCC
 TTCTGCGCAGCTGGAAGCAGTGTGGGGGCCCTTGCCTCTTCCCACTGGGCTCCCTACCTGGGCCAA
 AGTCAACATCATTGCTGGGAAGAAGTGTGGTGTGTCAAAATAGTAGCTCCAGAGGAAGCAAGCC
 ATGCTGGGAAAAAGGAAGTGGGTCAAAAAAGCGTAGGGCTGCACTGTGATGTGAGGACCGCCATATGCAA
 GAGGCCTTTGAGGTCAGGAGGATGGCCACCCTCGCTTAGGCCGTAATGCATGTGCTTAAATGCAAGA
 CAAATGGAGCCATAGCCAGCCGTACCCAGCCTGGCTCACCTCTCCAGACACCAGACACCAGCCTCCTG
 GTTGTGGTGAGAGGAGAAGGAACAGGTCTGGTGGATGCCAAGCAACTAGTTAGTGCCTCCAGTCTGAC
 CTAGATTTGCATTCCTCATCAGGACTAGAAATAGTACCAATTGAACTAGCTTGTGTTGACAGGTCTATT
 TCACATCCTATGAATGTATGTAATAAACTGTACATAGGTACGCATCTACATAAAATATCTTTTAATAAC
 ACGTTGACATTTGTGTAATTTGAAATTTAAAAAATTCTATAAAGTTGGTGTACATATGTTACAATTAT
 GTATATTTCTTTGGTCCTTCATAAAAAATATATTTACTTTGCCAATAAAAAGAGGAAAAAAAAAAAAAAAAA AAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_023184
- Insert Size:** 1248 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: [BC013486](#), [AAH13486](#)

RefSeq Size: 2250 bp

RefSeq ORF: 1248 bp

Locus ID: 66277

UniProt ID: [Q9EPW2](#)

Cytogenetics: 6 D1

Gene Summary: Transcriptional regulator that binds to the GA element of the CLCNKA promoter (By similarity). Binds to the KCNIP2 promoter and regulates KCNIP2 circadian expression in the heart. Is a repressor of CCN2 expression, involved in the control of cardiac fibrosis. Is also involved in the control of cardiac hypertrophy acting through the inhibition of MEF2A, GATA4 and MYOCD activity. Is a negative regulator of TP53 acetylation. Inhibits NF-kappa-B activation through repression of EP300-dependent RELA acetylation (By similarity). Involved in podocyte differentiation.[UniProtKB/Swiss-Prot Function]