

Product datasheet for **MC200686**

Klc2 (NM_008451) Mouse Untagged Clone

Product data:

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|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Klc2 (NM_008451) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Klc2 |
| Synonyms: | 8030455F02Rik; AW212649; KLC-2; KLC 2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC014845 sequence for NM_008451
CACGGTCGAGGATCCGGGTGAAGCGGGACAGGAGCAGGAGCCGGAGCCGGGCCAAAGCAGAAGGTGCAGG
TCGGCGCCGGCCGGTTGGGCCGGGAGACCCAGTCAAGCCGGACAGTGAGGAGCGGTTGCAGACGGCACGA
CCATGGCCACGATGGTGTCTCCTCGAGAGGAGAAGCTGAGTCAGGACGAGATAGTGTGGCCACCAAGGC
GGTGATCCAGGGTTTAGAGACCTGAGAGGGGAGCATCGTGCCCTGCTAGCTCCCCTAGCTTCTCATGAA
GCAGGCGAGGCCGAGCCGGGCTCACAGGAGCGCTGCCTCCTCCTGCGCCGCTCCCTGGAGCCATCGAGC
TGGGGCTTGGGGAGGCTCAGGTGATCCTGGCATTATCAAGCCATCTGGGGGCTGTGGAGTCAGAGAAGCA
GAAGCTGCGGGCTCAGGTGCGGCCCTGGTACAAGAGAACCAGTGTTGCGTGAGGAGCTGGCAGGGACA
CAGCAGAAGCTGCAGCGCAGTGAACAGGCGGTGGCTCAGCTGGAGGAAGAGAAGCAGCACCTGCTATTCA
TGAGTCAGATCCGAAAGCTGGATGAGGATGCTTCCCAAATGAGGAGAAGGGTGTGTCCCAAAGACTC
CCTGGATGACCTGTTTCCAATGAAGTGAACAGAGCCCAGCCCCAGCCCTGGAGGAGGAGATGTAGCT
GCACAGCATGGGGCTATGAGATCCCAGCACGGCTACGGACCCTCCACAACCTGGTAATCCAGTATGCTT
CACAAGGCCGCTATGAGGTGGCCGTGCCCTCTGCAAGCAGGCACTGGAAGATTTGGAGAAGACATCAGG
CCATGACCACCCTGATGTGGCCACCATGCTGAACATCCTGGCACTGGTTTATCGGGACCAGAATAAGTAC
AAGGATGCTGCTCACCTGCTCAATGATGCCCTGGCTATCCGGGAAAAGACACTGGGCAAGGACCACCAG
CTGTGGCTGCGACCCCTCAACAATCTGGCTGTTCTCTACGGCAAACGGGGCAAGTACAAAGAGGCTGAGCC
ACTGTGCAAGAGAGCACTGGAGATCCGGGAGAAGGTCTGGGCAAGTTTACCCAGATGTGGCAAGCAG
CTCAGCAACCTGGCCTTGTGTGCCAGAACCAGGGCAAAGCTGAGGAGGTGGAATACTACTACCGGAGAG
CCCTGGAGATCTATGCCACACGCCTTGGTCTGATGACCCCAATGTGGCGAAGACCAAGAACAACCTGGC
TTCCTGTACTGAAACAGGGCAAGTACCAGGATGCAGAGACCCTGTACAAGGAGATCCTTACCCGTGGC
CACGAGAAGGAGTTTGGCTCAGTCAATGGAGAGAACAAGCCATCTGGATGCACGCAGAGGAGCGCGAGG
AGAGCAAGGATAAGCGCCGGGACAGCGCCCTATGGGGAGTATGGCAGCTGGTACAAGCTGTAAAGT
TGACATCCCACAGTCAACACCCTCTGGAAGCTTGGGCGCCCTGTACCGGCGCCAGGGCAAGCTGGAA
GCCGCACACACACTGGAAGACTGTGCCAGCCGACGCCGCAAAACAGGGCCTGGATCCTGCCAGCCAGACCA
AGGTGGTAGAAGCTTAAAGATGGCAGTGGTGGACGAGGACACCGCCGTGGCAGCAGAGATGTGGCTGG
GCCTCAATCTGAGTCGGACCTGGAGGAGTCAAGGCTGCAGCTGAGTGGAGTGGGACCGGCAGCGGCTCT
CTGCGGCGCAGTGGCTCCTTTGGGAAGCTCCGGGATGCTCTGAGACGCAGCAGTGAAGTGTGGTGAAG
AGCTGCAGGGAGGGGGCCACAGGAGCCCCCTAACTCTAGGATGAAGAGGGCCAGCTCTCTAACTTCT
TAACAAGAGTGTGAAGAGCCAGTCCAGCCTGGAGGCACGGGTCTTTCTGACAGCCGCACCTTTGAGCTCC
AGCTCCATGGACCTCTCTGAAGAAGCTCCCTGGTGGGCTAAAGCTGAAGGGGCAGCCAGTCAACAGAGC
CTCCATCCGACATGGTCCCTTCCCCAGCCCTGCGCATGGGCCTGCTGCTTGCTCCTGCCCTCCCCA
AGGACCCCTGTCTTTTCTGTTCAATCTCAGGGTAACTTCTCCCTTGTCATCTCAGCCATGGCCCTGGAG
GACGGTCTGCCGGCTCCAGCTCTGCTCCTATTTATTCTTCCAGCAGGGGGCCTTTCTTCCCTGAGTTC
AGGGCCTGTGGGAGTGGTGGCCTGTCTACCCAGCCCCAAAGCCAAAGAACACTAAGTACTTGTGTCCCT
CAGCACCTTTGCCCTCCACTCCCGGCGGTTGCTTCTGTATATAGAGAAATAAGTTATTGGCCGTGTGTCA
TCCTCTCAGCCCTCCTCTCAGTCCACGGTATCCCGGGCCACCACCTGCCTCTCTTATCCAGTGGTAC
CGCCCAGGCCTTAAATCACCCGTTCCAGTGGTGGTATCTCCAAGCTTCAAGTCTGGGACCAGAGCC
TCCAAAAGGGGTCCCTAGACCTCTCGCTGGTCTTGGAGGGATTGTTCCACTCCATCTTCAAATGC
CCAGACCCTCACACCACAGGGCCCTGTGCTGCTTCCGGTACTTAATGCACTGTCTCCCCACCCCGCC
CCCACCCAGCCCTCCCAGGCATGGCCTGACCCACCCTGGGCACAGCCATTGAGCCATCCTGCCACG
CCATCCTTGCCCTCAGTCTGATGTCCCTTCTCCACACAGTAGGAGGGGCTACCCATTTGTTGGG
TAAGGCAGTCACTCTATTTTTCAGATGTTGCTGTAGAAATAAAGACGATTTGAATCTGAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008451
Insert Size: 1860 bp

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| 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: | <ol style="list-style-type: none">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: | BC014845 , AAH14845 |
| RefSeq Size: | 2888 bp |
| RefSeq ORF: | 1860 bp |
| Locus ID: | 16594 |
| Cytogenetics: | 19 4.25 cM |