

## Product datasheet for **MC202171**

### **Krt79 (NM\_146063) Mouse Untagged Clone**

#### **Product data:**

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Krt79 (NM_146063) Mouse Untagged Clone |
| Tag:                      | Tag Free                               |
| Symbol:                   | Krt79                                  |
| Synonyms:                 | BC031593                               |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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| <b>Fully Sequenced ORF:</b> | <p>&gt;BC031593 sequence for NM_146063</p> <p>ATGGAACCCAGGGCCAGCCAGCTGGGAAAAGATAAAAAGGTGTTTGGTGGCTCAGTAGCTCACTCCGGC<br/> TGATTCCTCCTGCTCTCAGTGCTTTCTCGTGACAATCATGCGGTCTCTTTGTCCAGGCAGACTTTC<br/> TCCACTAAAGGAGGCTTCAGCTCTAACTCAGCCAGCGGAGGTGGTGGGAGTCGGATGCGAACCCAGCTACA<br/> GCTCAGTGACTATGTCCAGGGGAGCGGCGGTGGCGGTGGGTCCGCTCTGGGTCCAGCTCCGGGGGCTT<br/> TGGCAGCCGGAGCCTCTACAACCTGGGAGGCAAGAATATCTCCGTCAGCATGGCTTGTGGGGCCTCCTCT<br/> GGCCGGGCACTAGGAGGCTTTGGCAGTGGGGCCTATGTGGGCTAGGGGCTAGCAGGCAGACATTTGGGC<br/> CAGTCTGTCTCCCGGGGGCATCCAGGAAGTCACTGTCAACCAGAGCCTGCTGACGCCTCTCAATGTGGA<br/> GATAGACCCCGAGATTACGCGGGTGCGCACCCAGGAGCGCAGCAGATCAAGACCTCAACAACAAGTTT<br/> GCCTCCTTTATTGATAAGGTACGCTTCTGGAACAACAGAACAAGGTGCTGGAGACGAAGTGGGCGCTGC<br/> TGCAGGAGCAGAGCCAGAACACGGGGTGCAGGAGCCTGGAGCCTTTCTTTGAGAATTACCTGAGCAC<br/> CCTGAGGAGGCAGCTGGATACCAACAGAGCGAGCGGGGCGGCTGGATATGGAGCTGAGGAACGTACAG<br/> GATAATCTGGAGGACTTCAAGAACAAGTATGAGGATGAAATCAACAAACGCACTGCCCTGGAGAATGAGT<br/> TTGTGCTGCTCAAGAAGGATGTAGATGCCGCATACATGGGCAGAAATGGATCTGCATGGCAAAGTGGACAG<br/> CTTGACACAAGAGATTGACTTCTGCAACAGCTCTTTGAGATGGAGCTGAGCCAAGTGCAGACCAATGTG<br/> TCTGACACCAACGTGATACTGTCCATGGACAACAACCGCAACCTGGACTTGGACAGCATCATCGCTGAAG<br/> TCAAAGCCAGTATGAGCTGATCGCCAGAAGAGTCGGGCTGAGGCTGAGTCCTGGTACCAGACCAATA<br/> TGAAGAACTGCAGGTGACAGCTGGGAAGCACGGGGACAGCCTTCGAGACCTAAAAATGAGATCGCAGAA<br/> CTCACTCGCACCCTCAGAGACTGCAGGCGGAGGTGGATGCAGCCAAGAAGCAGTGCCAGCAGCTGCAGA<br/> CAGCCATCGCAGAAGCAGAGCAGAATGGGGAGATGGCGCTCAAGGACGCTAAGAAGAAGCTTGGAGATCT<br/> AGACACAGCCCTGCATCAGGCCAAGGAGGACCTGGCCCGGATGCTGCGTGAATACCAGGATCTTGTGAGC<br/> GTCAAGCTGGCCCTGGATATGGAGATCGCCACCTACCGCAAGCTGCTGGAGAGCGAGGAGAGCAGGATGT<br/> CTGGAGATTGTCCAGCGCAATCAGCATCTCGGTGACCGGCAACTCTACCTCCGTTTGCAGCGCGCAC<br/> GGCTGGCTTCGGGAACGGCCTCTCTCTGGCGGGGCTGGCGGGGCCAGCAAGGGCGGCTTTGGTTCTAGT<br/> GTGAGCTATGGCGCTGCCAAAGCGGTCAAGTCTCTGGGGGAACCTCCATCCTACGGAAGACCACTACAG<br/> TCAAGACCTCTAGCCGGAGATACTAGCAGCAAGGCTTTGAGAGTTGGGCCTTGGTCTTGCCTGGTGCAT<br/> GGCTTCTCAGGACCGCAGAGGCTGAGTATTTGAGTGCACAATTTACATATAATTTGCATTTGGGAAAGG<br/> GCTCAATCTACTCAGGTTTTTCTCCTTGGTTATGCAGTGAATGGGAGGGAAGTTAGGGTACCAGCTG<br/> GTTGATTTGGGGTGACCTGACCATTTAGAGGGGTAGGATGTCCAGTTCTACGTTTTTACCTCAGCAGA<br/> TCTGCTGAGTTCAGGGCAAGCTGGAGGAGCAGAAGGGGTTGCCAGAGACCTGCAGCTCCTATCCTTGT<br/> CACCTCACGGTCAAGTCCCTGTCTGTGCCTGTGATGTGTCTCAATAAACAACAACCTACCTACCGCAAAAA AAAAAAAAAAAAAA</p> |
| <b>Restriction Sites:</b>   | RsrII-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ACCN:</b>                | NM_146063                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Insert Size:</b>         | 1596 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [BC031593](#), [AAH31593](#)

**RefSeq Size:** 2113 bp

**RefSeq ORF:** 1596 bp

**Locus ID:** 223917

**UniProt ID:** [Q8VED5](#)

**Cytogenetics:** 15 F2