

## Product datasheet for **MC203880**

### **BC016579 (NM\_145389) Mouse Untagged Clone**

#### **Product data:**

|                           |                                           |
|---------------------------|-------------------------------------------|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | BC016579 (NM_145389) Mouse Untagged Clone |
| Tag:                      | Tag Free                                  |
| Symbol:                   | BC016579                                  |
| Synonyms:                 | MGC27720                                  |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | PCMV6-Kan/Neo (PCMV6KN)                   |
| E. coli Selection:        | Kanamycin (25 ug/mL)                      |



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**Fully Sequenced ORF:** >BC016579  
 GTCTCCCTGTGCTGGACTCTGCACCCTTAGGTGCTAGAGTCTTGCTCTCAGCGGAGCCTCCGTCTTCGG  
 CGCTGCCATGGAAGAAGGGTCCAGATCCCAATCGCCCCGGGAAGAGCTGGAGCTCTCGATGCTGGACGGG  
 CCTCAGGAAGAGCTGACACCTCTCAACAATGACCTTCGGATCCAGCCTAACTCCGCCGAGGACCCTAGCC  
 CAGCCCAGGTGGGCAAGGAAAGCCCTGGAGTCCCTGCAACAAGAGCGTGGTTGGAAAATGTAACTGTG  
 GATGGTCATTGTACCATATTCTTGCTTCATTATAGTGATCGTTATAAGCCTATGCCTGTAGGAGTG  
 ACGTATATCGATGAAGATGAAAATGAAATACTCGAATTATCGTCAAACAAAACATTCTTCATCATGCTCA  
 AGATTCAGAGGAGTGTGCTAATGAAGAGGAGTTGCATCACTTGCTCACTGAAAGGCTCACGGACACGTA  
 TAGACAGTCCCCAGCTCTGAGTCGTTTTTCACTTCTGCTGATATCTTGATTTCAGTGTTGAAAATGCC  
 ACGGTAACCTATCACTTGCACTTTGGAGTTCCATCTGAAGATGATGACTTTATGAAATACATGATGAGTG  
 AAGAGTTGGTGTCTCGGCATCATGCGACAGAGCTTCCACGATAAGAACATATCTACCTGTGAGAGTCTCGG  
 GCTTGACCAGAATCTCTCTTGCTCTATGAATGAAGTGTGGGGTGGTCTGTGTCGAAAGCTCTGCTG  
 AGTCTCAGACGGAACAATTGAGAAGGAATCTAGCAGTGACCGGAAGGAGGAGACAGTTCTTCCACTG  
 ATTCTACCCAGATGTGAAGTCTGCGTCCATCACAGAACAGCAGACTGAGAGCTGTCCCCGCTGGGTTGAG  
 GAGCTAGAGGTCTGGGGTGAATCTACGATCCCACATGAGATCCCCACTGCCTTTGAAGCACTGGTGCTT  
 CTACTAGCACATGCATGCTTTTCTGGGTGACAGAGATAAGCATCTGGCTTTGTTTTAGGCAGGTTCTGT  
 TAACCCAGCTGATGGGGTGAATCCAAGCTGCATCAGGGTAGCCAAGGGGAGGAGGAGATGGACCAGTT  
 GTTTACTGAAGCCCTCTCCCCACTCACAACTACATCTGATGGACCCTGAGCCAGGGCAAGGAAAAAGG  
 AAGGCGACTCCAAGACCTAAGGAGTGTAGGTCTTACCTAACTCTACCACCTATACCTGACAGTTGAGCT  
 CAGTCAGGCGTATCGTGGAGTATTATATAGAGAAAGATGATTGATGTGTCTTAATTGTTTCTCATCTTTG  
 CATTGTTGCTGAGATGACTATCTTTTTAAAAACAACAAACAACAAACAACATATCTCTTTGA  
 GTTTTGGCCAGGGTGCCTCTTTTAAAGATTGCCACTCATGTGGGTATTATTGTTATTGTTATTATTA  
 TTATTATTGAAGTCATCAAAGGATCATTAAAGTACTTAAATTTCTGCTACTGATACCACACACAGCTT  
 TGTGTTACCTGGTATCACCAGGATTCCTGTAGGACTCAATTTCTTGAGATGTTTGCCTGCTTCCCTGCAG  
 ATGATCGCTAAGCAGAGAATTTCTGTCCTTTTGAAGTGTCCAAAACAGTATGCAAGTCCCTTGAGGGA  
 CAGAAGGAAGCTAGTGACTGTATCAGTCACCTATGGATATAGATTGCCTGTGATAAGACAACAGAATATT  
 TGTTTTGTTGGGAAATTGCTTCTGGAATTTTCTGGGAGAGTTAGTCTCATTGTTGTATAATGAGAA  
 ATTCCCTAGTCTGATACCTCAGATAGATGAGGCATGGATACAGGTCATTATGGCAGGCAGCTGTGTATGA  
 ATATGTGTCAATTATAGGTCTGAACAATGTGAAGTGTCTTTCTTATTTAATTATATATACTAGAGTAA  
 TATAGCACAATGATAATTGCTGCATTTTAACTTATTGATTACACTTTCAGGTTAGTTCCTTAAATTCCAA  
 AAACAGGTGGATTTTCTTCTTCTTATTTTATTTTATTTTACATGTTAACTGCGATCTCTCGTGTC  
 TTTACTATTTTTTTTAAAGTAACAAAGAATTTTAAATATATAACGATCTACAAACATTTACAATAAAT  
 TATTTTGTCACTGGAACAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145389

**Insert Size:** 453 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.

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

**RefSeq:** [BC016579](#), [AAH16579](#)

**RefSeq Size:** 2206 bp

**RefSeq ORF:** 453 bp

**Locus ID:** 212998

**UniProt ID:** [Q8C5C9](#)

**Cytogenetics:** 16 B5