

## Product datasheet for **MC216520**

### **Ttc29 (NM\_183096) Mouse Untagged Clone**

#### **Product data:**

|                                  |                        |
|----------------------------------|------------------------|
| <b>Product Type:</b>             | Expression Plasmids    |
| <b>Tag:</b>                      | Tag Free               |
| <b>Symbol:</b>                   | Ttc29                  |
| <b>Synonyms:</b>                 | 1700031F13Rik          |
| <b>Mammalian Cell Selection:</b> | Neomycin               |
| <b>Vector:</b>                   | pCMV6-Entry (PS100001) |
| <b>E. coli Selection:</b>        | Kanamycin (25 ug/mL)   |



**Fully Sequenced ORF:**

>MC216520 representing NM\_183096  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**

ATGGCTACCTTTCCCCCACTTCCCATGACTCATACAAGGCTTGCGATCTTAGCCAGGCAGAAGCTACCAT  
 GCTCTTCAAAAAAATCCCAAGGGCCAGTTGATCAAAGAGAAAGAGGACATAGATTATTACCTGGAACA  
 GAATTTCAAAGGGCTGTCGAAAGAAGAGGTGGCTGCCACAGGAATCATACAAGAAGCATCTGCGTG  
 GACATGCTGCGAGATGGGTTCCACAAGTCTTCACCGAGCTCTTTCAGCTGATGGAACAGTGGGATAAGC  
 TCCGGGAAGCTGCGAAGGCACAGTCCCTCTTGGCAGCAGAGGCTCTGGAGGACCAGCCGACAAGCT  
 AGACAATTTCTACCACTACCTGACCAGGGCCGAGGCTGCCGAGAGGAAAGGATACTATGAGGAGGTATAT  
 AACAACTGTATGCTCTGGCTGTTATTTGATAATTCTGAAGACAAGTGGGTGAGGAATCACTTCTACG  
 AACGGTGTTTTAATTGCTCAGTGATCAAAGCTGACGGCGGGAAGAAAGAGGCAGAGGCCGAGTCACA  
 CATGGGACTCTTTTCGAGGAAGAGGTGAGCTCCTGAAGGCTGCAGAGCACTATGAAGCATTCCATGAA  
 CTGACACACGACGGCTCTGGAAGGATGGTACGGGCCAGCTTCTCAACTTGGTGGCTGTGAAAGTCTCG  
 TGAGGACCTACAGATTGCTCTCAGACAGGATGCTGGAAAACAAAGACTACAAACAGGCCATCAAAATCCT  
 AATAAAAGCTTCTGAAATAGCCAGAGAAGGCAATGACAGAAGCATGGAAGGGGAGGCTTCTTACTACCTG  
 GGCTTGGCCCACTTGGCTTCTGGAGAATATGAAACCGCACTAACAGTGCTGAATCGGTACAGTGAGATCT  
 CCACAAGTCTGGATGACGATCATGGCTGGGGAGAGCCTATGAGGCTATCGCCAAGGCCCTGCAGAGCCA  
 AGGGGAGACAACAGAAGCAATTAATTACCTGGAGAAGTTCTGTGACAATTGCAAGAAACAACCTGCAAGC  
 CTCGATATGATTGAGCATGCACGATGCTCGGCGACATCTACAATGAAAAGGGGCAATACAGCAAGGCTT  
 CCGAGTACTTCCAACAAGCTTTCAGCACCGCGATGGAGCTCATGAAACGGCGCTCATGGATGAAACCAA  
 AGTCCACTATGGGATAGCCAGAGCGCACCAGATGATGCTGGCGATGAAGGGTTACATCGAATCTGCCGAC  
 TCGAATGGCCTCACTGCCTGCTGTCTGGAAGGAGACTAGAACTCAAATCGAGTACGACCCGATTCTAG  
 GAGAGTCTAGAAGGCCACAGAAGATAACATATATCACTCCCAGATGCTGAGGAAGAAACAAGAAGGTC  
 TCCAGAAAA**CAATAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

**ACCN:**

NM\_183096

**Insert Size:**

1416 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.

|                      |                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>Note:</b>         | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| <b>RefSeq:</b>       | <u><a href="#">NM_183096.3</a></u> , <u><a href="#">NP_898919.3</a></u>                                                  |
| <b>RefSeq Size:</b>  | 2450 bp                                                                                                                  |
| <b>RefSeq ORF:</b>   | 1416 bp                                                                                                                  |
| <b>Locus ID:</b>     | 73301                                                                                                                    |
| <b>Cytogenetics:</b> | 8 C1                                                                                                                     |