

## Product datasheet for **MC219122**

### **Ttc22 (NM\_177667) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ttc22 (NM_177667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ttc22
Synonyms:	4732467L16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219122 representing NM\_177667  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACGGAGGCCGAGGTGCGAGCCGAGGACCTGGACACCTTCTCGATGAACTGGACTATCTGCCCGGCC  
ACTTCCACCTGGAGATGCAGCTCAACTTCGAGCCGCGCTCACCCGCTCAGCTGCGCGCCCGGACCTGAA  
GCTCCAGCGAGAGGGTCTGCGGCAGGAGCTGGAGCTGGTGGCCACCCCGAGCTGCCTGCCGTGCGTCAC  
CTCTTGGGAACCTTTTCCTTCTACCTGGAGGAGCTGGGTGATGCCCGGAGCATTCTCGGAAGTGGCCC  
GCAAAGACCTGGCAACCTCAACGCCTGGGCCAATCTGGCACACGTCTACGGGCAGCTGGCCAGGAAGA  
AGAGGAGGAGGCGTCCGCCGGGCGACTGGCCAGCCTCATGGGCCGGAAGGGACCCCGAGGATGCTGGA  
GACCCAGGCTCCGCGCTGCCCGCTGCCTGGCGGAGCAGGGATATGCGCATGGCTTCGACGTGGGCTGTG  
CCAGTCCAGAGGAGCGCGCAGGTGCTGGAGGGGGCATCGCCCTCTACGACAAAGCGCTGGGCTATGG  
TCAGCAGATCCCGATAGAAGAGAAAAGGAGCTGGTACTTACCATGGCAACTCTTTATCAGGCTGGAT  
GGCATCTTTCTGGAGATGGGCAGTGAGGAGCAGAAGAGGCTGCCAGCCTTCAACCGTACTCTGGCCTTGC  
TCGGAGAGGTCTCAAGTCTCAGACTCCCGACACCAAGCTCTGGCCTGGTGTATGTGGCATGCTGCT  
GGAGAGAAAAGACACCTTCTCTACCACCCCTATGGGTGTCCATGAATACGGGTAATCGGGCAGAGGCC  
CTGGACTGCTTTGGCAAGGCCATTGAGATCGCCAAGAACAACCTCCCATTCTGAATCGCCTGGCCAAAA  
TCTTCCACTTCTTGGGAAAGCAGGACATGGCCGTAGGAACCTGCAACATGGTCTGGCGGTGCTTACAGA  
CCCAGAGCTCAACTGGCAGGCATACTGCACCAGGGCCAAGGTCCGAATCAGAGCCTATGTCCATGACTTG  
GAACGAGCCAAGGTGGGGCTCGGGGTTTGCTGACAGGAACCACTGGCCTGTGCCAAAGCTGACCTTG  
AGGAAGTGGTCAAGGTGTGCCAAGCCTCAGGACCTACCTAGATATCAGTCAGGTTTACTACTACATGGG  
TGTGGATGCCATGCGGGAGCTGCTGGCAGTGGATGAAGCTGCGCTCAACCAGGCTCTGGTCTTCTGGCG  
AAGGCCGTGAGTTGGAGCTAGGTGACACGCTGCCCGAAGTGAAGTGTGCGCGCAAATGCCTACGTG  
TCCAGGGTGGAGTGCCAACGCTGCGGCCTGCTTCAAGCGTGGCCTAGAGCTGGACGACGAGGGATCCAG  
CCATACCGAGGGCTTCGGCTGCCTGCTCGAGGCATTGCTGGCCAGTGGAGCCAGGCGCAGCTGAGCGAT  
GGTGGGTGGGGTACGAGGTGGACGTCTGGCTGCGCCATGCCAGGGCAAGTATCCGGCAGCACGCCTGC  
GCCAGGAGCTGCAGCGTGTGGCGTGGCCATACGGAAGAGGTCTGGGTCTGGCCCGGGCCTTAGTAGC  
CCAGGGACGGCCAGCACTGGTGGCGTCTCTTGGAGACCATGGAGCATGAGGGTGGAGTGTGGAGGG  
TCAGGCAAAAGTCGAGTATCCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_177667

**Insert Size:** 1707 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:** [NM\\_177667.4](#), [NP\\_808335.1](#)

**RefSeq Size:** 2535 bp

**RefSeq ORF:** 1707 bp

**Locus ID:** 230576

**UniProt ID:** [Q8C159](#)

**Cytogenetics:** 4 C7