

## Product datasheet for **MC220197**

### **Gm595 (NM\_001085499) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gm595 (NM_001085499) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm595
Synonyms:	RP23-114B24.1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220197 representing NM\_001085499  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACTGTACCTAAGCAACTGTATAAAGGCTGCCGAAGCTGCTGCCTCCAAGCAGCTCCGGCGACA  
 TAACAAACAACAAGATACCTGTAGTAACAAGAAACAGAAACCTACCATTCCAAAGATTGGACCAGCTAA  
 TCTGTTAGATATGCCTCTCGGGGCCAAACTGCCTGTTATCCCAGGAAGTAAATAGTATATTCTACACAACA  
 AATATAAGTGAAAAGCTTTTCCAGCCTTCTTTGGCTTTAACCTTAGTGACCCATATTGTAAGTATGATGG  
 AAACCACTACAAAAGTCTTATGATCCACACCTAAAAATCATACTTCAAACGAAAAGACATTCTCAAGAA  
 ACTAAAAAAGAAGGATACATCACCGCAATAATAAAGTCGTATGTTCAAAAAGAACTCAACAAATAC  
 AGACAATATCTGACCACCTTAAAAATCGATTTTGAGCGGAATTATGTAAGAGAACAATAAATGAAA  
 ATCAAGTAAACAACTAAACGAAGAGAGACGGCCTATGACAATGCTGCCGCTGCTGAGTTTCAGTGGTG  
 GTTGCTACAAGAAGGAAAAAGCTAGCCCTCAACACGAACGCTTGATTAACCTCAGACATTTAAATATG  
 ATTAATAAAGAAGTACACAACTTGAAGACACCGTGGGAAAACGAAGTCACTAGTAATGAAGGAAGAAG  
 ACAGACAACATTGGGATGATGTTAAAAGAAAACCTAACCTACACCAAGAAGTTGAAGCGGATTGGCAATT  
 CAAGGAGATGTCATTATGACAAAGATCGGAGACGAAGTTAAGAGAGAGACAAAAGTTGAAGAATCAT  
 CGGAAAATCCGAGAAGAAATTAACCGAAAAGAAACAAGTAAAGTACAGAAAAGAAATTCCTACCATTG  
 AAAAGCTTCAAGAGAAGGAAAGTAAAGAAGGAAAGCGGGAAGAAAGTACTTCTGAAAGCAAAAGGCCAAG  
 TGAACAGCTTCTCAATTCAAAAGCAACCAAGTTTACAGAGCCGAAAATGTCTCAAGAATCTGGAA  
 CGAAAAACATCTATCAAGTATGAGGACTAGCATCTCCGAAAGACTGATGCAAGAATCGAGGGAATCAA  
 AATCCATCTCACAACGACAAGGACCGTTTGGATGAGGACCAATCATCACTTTACAAAATCTGGAAAC  
 AAGATTTTCTCCAATAGCTAGAAGGAGATCAAGTTTGGCTGAGGATCAAGCATTCCAAGAAGTTTGGAA  
 CCGAAATACCGTACCATTCCAGTGGGAAGAAAACAAGTTTGGCTGAAGAGACATTGTTTCATGAACATA  
 ATGAACAAAAATATGATCCACCAAAACACAAAAGAAGGAGTTTGGCTAACGACAAATTCATGGAAGACCT  
 TCTAGAAGCAAAATCTTTATCAAAATACTAAGAGAACAAGTTTACGGACCAGAAACCAATGGAAGAC  
 AATCTGCACTCAATTTGACTTCACCCAGTACAAGGAGAACAAGTGTTCGACCAGAGAATGTTTTATG  
 AACCTATCCAAATAAAATCAGCACCACCAATTATAAGAAAACAAGTTTGGCTGAGGAAAAATCATTCCA  
 ACAACTTATGGAAGCAATAATGCCTCCACAGTATGTAAGAAAACAAGCATCTCAGACCAGAGATCATCT  
 CAAGAATCTCTAGAAACCAGACGATCAAGCCATCATTCTCAAAATAACATGAAGTTTGTGTTAAGACAT  
 CAACGACTTTACCACCTCAACAGAGGGGTATACAAAATACATCAAATCACAAGTATGACAAGGATCTTC  
 AAGGACATCACATCATTACATGACAGAGCTCCTGATCCATCTCACTGTCTGCAATCAACTGCATTTCC  
 AGACAACCATGTCATGATATTCCAACACATGAAGTTGATCCTTCTTTTCGAAGAAACACACATAAACACA  
 GCAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001085499

**Insert Size:** 1968 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\\_001085499.1](#), [NP\\_001078968.1](#)

**RefSeq Size:** 2122 bp

**RefSeq ORF:** 1968 bp

**Locus ID:** 209005

**Cytogenetics:** X A5