

## Product datasheet for **MC221969**

### 4930595M18Rik (NM\_173435) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                            |
| Product Name:             | 4930595M18Rik (NM_173435) Mouse Untagged Clone |
| Tag:                      | Tag Free                                       |
| Symbol:                   | 4930595M18Rik                                  |
| Synonyms:                 | RP23-217L21.2                                  |
| Mammalian Cell Selection: | Neomycin                                       |
| Vector:                   | pCMV6-Entry (PS100001)                         |
| E. coli Selection:        | Kanamycin (25 ug/mL)                           |



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**Fully Sequenced ORF:** >MC221969 representing NM\_173435  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTGTTGCTCTCATGCTCTTCTCAATGTAGATGGAATGACCTGCCTCAAGTTGAAAACCTGGCACACC  
 ACACCTTCACTTTATACTTTGAAGCACGCTTTGAGGATTATGGACCTCTTGGTGATGTATACATACCCCG  
 AAATCACTTAAGTGAAGAGCACTATGGCTTTGCCTTCATCCATTTCTACAACAAATGTGATGCCAATGAT  
 GCCTTACATTCCTAAATGGATTTTACTGGATGGTTGTAAGTGAAGGTACAGATGGTGTACAATGATG  
 ATCCACATTATGCTCAACCCGATTGTAGCTCGGGAAGGCAATACCAGTACAAGGAAGAAAACCATGACCT  
 TCAGAGCGAATGCGAAAGACAGCATTTCACACACCAGAATCCAACCCAGATCTCACAGCAGATCTTCT  
 GGAGACGACTCAGAATTCAAATCTCAATCTTCAATCACTTGCATAGAAGATCATCATCAACCAGATTCA  
 AGACCCAGTCTTCAGTGTCTACTCAACAACGCCAAACAGGGCCTGTCCAAAGTCCAAAACCTTCCAGG  
 AAAAAAGAAGAAACCCAAACCTAAATCTTCATATAAGAGTGCCTCCAAGTATCCTTCAGGAGGAGGACTT  
 CTTGTGGGAGAAAACTGGAGAACAACCAGAGGCAAGTGGAAAAATGGACAATCCAATTCTATGTTTGAAA  
 AACCATGTAGAACAAAAGTAAATGCAACTCACACATTGATAACACGTCCATCTACCAAGAAGTCAGACAAG  
 AAAAAGATTAAGAAGCCCAAAAATTCAGTGAAAATTCAAAAGTTGAAAAGAAAATATGCAGAAAATAAA  
 GAAAGGCAATGGAAATATCCACAGTCTCCATCAATAATTAACAAAACATATTTATCAAAAAGAAATGAACT  
 CTGAAATATTGACAGTATATGATAGAAGTACAGAGAAGAACAAGAAGGAGGAGCAAGGACTTCCAAGATC  
 CAACAACCTCGAATAGATGTGGAGCAAACTACTGCAGATGTTTTGCATAGTGTGACTCTGAAAGCGGCCAA  
 CTTAACTCCCTACAACAATCTGAAAAGAGAACAAAATGGGGATAGAGGAGTGTGGGTTTTGGACAGCAA  
 ACTGTCAAGGTAAGTCAAGCAATGATATCACTGGTAGGATGAGATTTACCTGTAATAAAGGGAACACAAT  
 TCCACAAAATGGCCTTTCAGGGCTTAGCTGTGATGACAGTAACAGGAAAAATCCATAAGCAATTAGACTAT  
 CAAGAAGTTCAGTCAATGCATGTAAGTCCATTTACACAAGAAGGAAATATAACTGAAGTTTTAATGGAAG  
 ACACATGTAGTAAAGAAACAAGTACTAGACGAAAGACTCCAGACATTCTGACACTTAAAGAAACAATTGA  
 AAGTAGTTACATCCAGATACCAAGGATGTGGCACTGGGGGACCTCATTATTGTTTATCACTTGAAACT  
 TTTGAAGATCTTAGGAAGGATAAGGCTTACATTTTTCTAATAGTCACACATTTTACCATTGAGAGACA  
 ATTTAGCCATATCTGAGTTGCAAAAATATATTTCTTCCATCATTTCACAACAATAGAACACATATTGAC  
 AGAGAGCACTGCTCATAGAAGTCACTACATCTGTAACACCAACTAAGTTTACCAGTGTGAAATTTGAT  
 CAAAAAGAACACACAAAGACCTTTCATGTTCTAACCAGACAGATATACAAATTTCTGACGTAATTTCTG  
 ATGATGAAACTTTAAATACTAATTTAGAATGTACAATACCTTCAGCTCCTTGTAACATCAGGGAAACAT  
 CATGCTAGGAGTTTTGAGGTAGATGATAATTTCACTGAGTTTGACTTACAATCTTGTGACTCATTGTCA  
 AGTCAAAAATAAGAAAGATTCTTCTGGCCACAGTAGAATTTCTAGATCTGTTCCAGCTTAAATTTCAA  
 ATTTCTACCACTAGTTCTAGTACAAATCACTCACTTCTTTCTTTATTAATTAACAGTCAACAGTTTTTACC  
 TGTTTCTAGTACGAGTGACAATATTATTGGCAATGACATAAATTTGCCACATACCTCACAAATTAATCAA  
 GAAAGCAATGAATTCATTGTATTTAATTTGCCACCTTTTGAGGCCAGGCAACAAATGCATGTTACAAGCC  
 CAGAAACATCTAATGATAGTGATTATTGGCCAGTTTTGCCTGATTTTTCAAACCTCAATGATATTCATAA  
 TAACCACCCTAAAGGACTTACCGAAGAACAGATTAATAATTTACCAGTAATTTATTTTTGTGAAAATGAT  
 GAAATAAGCCACTGCAGTATTTGTCTTACACAATACATAAAAAACAGTAAGATCCGTGTACTACCTTGCT  
 TTCATGAATATCATGATAAATGTATTGATCGCTGGCTGTCTGACAACTCTACCTGTCCTATTTGTGCGAA  
 ACATATAATAAATTTCTGATGACACAGAATTTCTATTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_173435  
**Insert Size:** 2490 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_173435.3</a></u> , <u><a href="#">NP_775611.2</a></u>   |
| <b>RefSeq Size:</b>           | 2645 bp   |
| <b>RefSeq ORF:</b>            | 2490 bp   |
| <b>Locus ID:</b>              | 245492  |
| <b>Cytogenetics:</b>          | X B   |