

## Product datasheet for **RN216539**

### Fam199x (NM\_001271176) Rat Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Fam199x (NM_001271176) Rat Untagged Clone                                          |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Fam199x                                                                            |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN216539 representing NM_001271176<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGTCCGACGAGGCGTCGGCCACCACTTCCTATGAGAAGTTTTAAACCCAGAGGAGCCCTTCCTCTCC  
TAGGGGCCCTCGTGGGTGGGCACCTGCCCGAGCGAGGAACCTGGCTGCCTGGACATCAGCGACTTTGG  
CTGCCAGCTCTCCTCTGCCATCGCACCAGATCCGCTCCACCGTTTCACACCAACAGGTGGAACCTCACT  
TCGTGTGGTACGAGTGTGCAAGCTCAGAATGTAGTGAGGAGCTCTTCTCGTCAGTTTCTGTTGGAGATC  
AAGATGATTGCTATTCCTCTTAGATGATCAAGACTTCACCTCTTTGACTTGTTCCTGAGGGAAGTGT  
CTGTAGTGATGTCTCCTCTTCTATCAGCACGTATTGGGATTGGTCAGATAGTGAATTTGAATGGCAGTTA  
CCAGGCAGTGACATTGCCAGTGAAGCGATGTACTTTCTGATGTCATACCCAGTATTCCAAGTTCACCTT  
GCTTGGTTTCTAAAAAGAAAAACAAGCACCGGAATCTAGATGAGCTTGCTTGGAGTGCAATGACAAATGA  
TGAACAGGTGGAATATATTGAGTATCTGAGCCGAAAAGTCAGTACTGAGATGGGCCTTCGGGAGCAACTT  
GACATTATTAATCATTGATCCTTCTGCTCAGATCTCCCTACAGACAGCGAGTTCAATTATTGAACCTA  
ACTGTCTCACAGATGAAAACTGAAGCAGGTGAGAACTATATCAAGGAGCATAGCCTTCGTCAGCGGCC  
TACAAGGGAGGCCTGGAAGAGAAGCAACTTAGCTGTGCAAGCAGCAGTGGAGTGAGCGGTGCTAGCGCC  
AGCAGCAGCAGTGCCAGCATGGTCAGTTCGCAAGCAGCAGTGGGTCTAGTGTGGAACTCGGCTTCAA  
ACTCCAGTGCCAACATGAGTCGAGCACACAGCGACAGCAACCTATCTGCAAGTGACAGAGCGGATTCTG  
GGATTCAAAGAAGCGATCCAAGCAGCGAAAGCTACAGCAGAAGGCCTTCCGTAAGAGGCAGCTGAAGGAG  
CAGAGGCAGGCGCGAAGGAGAGGCTCAGTGGGCTCTTCTAAATGAAGAGGTGCTGTCCTTGAAAGTGA  
CTGAGGAAGACCATGAAGCGGATGTTGATGTGTTGAT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | NM_001271176                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 1161 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>OTI Annotation:</b>        | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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>NM_001271176.1, NP_001258105.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1161 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1161 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 679168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | Xq32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |