

## Product datasheet for **MC216334**

### 4931428F04Rik (NM\_001166394) Mouse Untagged Clone

#### Product data:

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Product Type:             | Expression Plasmids                               |
| Product Name:             | 4931428F04Rik (NM_001166394) Mouse Untagged Clone |
| Tag:                      | Tag Free                                          |
| Symbol:                   | 4931428F04Rik                                     |
| Synonyms:                 | AI426165; Kiaa0895l                               |
| Mammalian Cell Selection: | Neomycin                                          |
| Vector:                   | pCMV6-Entry (PS100001)                            |
| E. coli Selection:        | Kanamycin (25 ug/mL)                              |



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**Fully Sequenced ORF:** >MC216334 representing NM\_001166394  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGC**

ATGGTGCTGGACTCGGGACACAGGTGTATGAGCAGGCACCCCCAGGCCCTGCCGGTCCCCATCTC  
 AGCACCATAAGCTGAAGCCCTCAAACGGAAATGGGCCACCCCTGTACCCCTGGCCTGAGTCCCTGGGGAT  
 GCCCTTGCTCTGGCAGTCCCTTCAGCACTGCAGCAGCACTATGTGGCAGACCTTCTCAAAGCTGCAC  
 TTGGAGCAGAGTAGCCACATGCGTCGCAGCGAGAGCACCTACAGTGTAATAGTACTGGCCGGCGGGGGC  
 GTGGTAAAGCCCGATTGGACGGGGATGCGATCCAGGAGGGACCCTACGGCCTGCAGCCTCTTACCTCA  
 CATTGCTAAGATTCGAAAGGATGTAGGCAGTAGTAGCAGCAAGAGCCCTGTATGTTGGTGGCCCTGCGG  
 CCAACTAACATGGACCAGGAACGGGAAAGTTCTTCCAGTCTCATTATACCTACAATCCACAGTTCGAGT  
 ATCAGGAACCGATGCCAATGAGTGTCTGGAGAAGTACCAGGAGGCCTCTGCGCAATTCATGAATCAGGC  
 AGTTGGCATCATTGAGGCTGTCTGGAGAAGTTTGGCACTTATGAAAACCTTTGAGGCTGCCACAGGGGGC  
 CAGCTGCTGACCAAGTGCCAAATTTGGTCCACCGTGCAGCAATACATGCAGAAGGAAGGCTGTGTTGGGG  
 AGATTGTGGTACAGCTGAGTGAAGATCTACTGTCCAGGCTGTGATGATGGTGGAGAACGCCGACCCAC  
 ACTGGCCATCACTTGACTGGAGCCCGCCAGTACTGGTTGGAGGGCATGCTGCGGCACGAGATAGGCACC  
 CACTACCTGCGTGGTGTGAATAATTCGCGGCAACCGTGGCACAGCACTGAAGGCAGATTGCAGTACGGCC  
 TTCAGCCAGCAACCCCTACTGAGGAGGGCTGGCTAGCCTGCATAGTGTGCTGTTTCGAAAGCAACCATT  
 CCTGTGGCGCGCCCGCTGCTCTACTACACCATCCACCAGGCGGCGCACATGTCCTTCCGCCAGCTCTTC  
 CAGGATCTGGCGCAGTACGTGCAGGACGAGGGTGTACGCTGGGAGTACTGCGTCCGTGCCAAGCGAGGAC  
 AGACGGATACCTCCAGCCAGGCTGCTTCAGCAAGGACCAGGTGTACCTGGATGGCATTTTGCGCATCCT  
 ACGGCACCGGCACACCATTTGATTTCCAGCTGCTGACCTCGCTGGGCAAGGTCTCCTATGAAGACGTGGAA  
 CAACTGCGGCCCTACGGGTGCTAGACAATACCAGAGTGCCCCACTTCATGAAGGACTTGAACGTTACC  
 GGCAGCAGCTGGAACACATCATGACCACCAACCGGCTGGATGAAGCGGAGCTGGGCCGCTGCTGCTGA  
**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001166394

**Insert Size:** 1404 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.

|               |                                                                                                                          |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| Note:         | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq:       | <u>NM_001166394.1</u> , <u>NP_001159866.1</u>                                                                            |
| RefSeq Size:  | 3174 bp                                                                                                                  |
| RefSeq ORF:   | 1404 bp                                                                                                                  |
| Locus ID:     | 74356                                                                                                                    |
| UniProt ID:   | <u>Q810A5</u>                                                                                                            |
| Cytogenetics: | 8 D3                                                                                                                     |