

## Product datasheet for MC211568

### Fam228a (NM\_029107) Mouse Untagged Clone

#### Product data:

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                             |
| Product Name:             | Fam228a (NM_029107) Mouse Untagged Clone                                        |
| Tag:                      | Tag Free                                                                        |
| Symbol:                   | Fam228a                                                                         |
| Synonyms:                 | 4930417G10Rik                                                                   |
| Mammalian Cell Selection: | Neomycin                                                                        |
| Vector:                   | pCMV6-Entry (PS100001)                                                          |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                            |
| Fully Sequenced ORF:      | >MC211568 representing NM_029107<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**C

ATGGCTGACACAAAACTTCCAAGTGTGATGAACATTTCACTGTGGAGAACTAAAGGAATGGCCAGAGC  
CGGAGTCTGTTTCTTTAATGGAGTTATTAGCTCGAGAAGACATCGATGAAGCTGTGCATGCAGTATTATT  
TAGAGAAAATATGTTGTGAAGAGATTGGATACATATTTACAGCATCTGGCTGTTTTAAGGAAAGAAGA  
AAAGAGATGTTACATAAGAAATGGTTGAAAATGTGGTGCAGCCTCTTCAGCAGAGAATTACAGATAAAA  
TAACTTCATATAGGAGACCTGGAAAAATCAAGTGAAATATGAACACTGCTTAAAGCAAACAAATAAACC  
GACTAAAGTGTCTTCATCGTGTCTGTTTCAAAAACAGCAAGAGTTCAGAGAAGCAAAAGGGACCACTTAC  
CAACATGGCAGAGGAAAAACACATGACACACAAAAAGCAAGAAAGAACTGAGAAAGGTCTCTCCTTCA  
CCCCGTTCTCGCTCAGGCCCATTTGCTCCAGTCCCAGAGAGAGGCAGAGAGCCTCTGCTCGGCTTATGCA  
GAGTAAGCCTGGTGGCAGGAACAGGTACAAGGGAGCCAGTTCTGAAAAACCTGTCTTTACATTAAAGTCT  
CATCTGCCTAAGGAAGAGAAGACTGTCACTCGAAGCCAGCTTGTGTTTGAAGGCAGTTCAGAGCCTCAA  
GGCTCAGCCAGGATATCAAAGAGGCTGAAAAGAAGGTCTGGTTGTAGGGACCGGACCACAGAGACCACG  
CTCCTGGGCGGCAGCAGATAGTGTGCCGAGGCCATCACTGGTGGGAAGAAGAGTGATGACAGCCGAGATC  
CTGGGGGAGCATCTGGTGTCCCTGCATCAGGCAGCCAGGTCAGGCCTCCAGTGGCCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN:              | NM_029107 |
| Insert Size:       | 900 bp    |


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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>RefSeq:</b>                | <u><a href="#">NM_029107.2</a></u> , <u><a href="#">NP_083383.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 2833 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 900 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 74855                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">Q8CDW1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 12 A1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |