

Product datasheet for **MC229554**

Fam205a1 (NM_001277167) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam205a1 (NM_001277167) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam205a1
Synonyms: Gm12429; OTTMUSG00000006791
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229554 representing NM_001277167
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGAGCACTATGTGCTTTCTGTGGGACACTGAATGTCCTTGTATGTCTATTTCTGCATCTTCATCA
 TTGTCCTAATTGTCTGGCAAGTGTGTGAGAATTACCAAGGATTGAAGTGCAGAAAATAGAAGAAGCTGCTG
 TCGGGCGTCATCAAAAAGTCAGGCAAAGGGCTAAAGATGCAGCGTCAAGAGCCAGGGGACTTCCCGAGAA
 GAAGATGAGAAGCCATGCGAGCTGCTCTATCATGAAAAGCCAAAGCTGGGTCCCAAGCAGGGAAATG
 TCGGGCAGCTCCTGTGTTTATAGTCCCAGCTGCCAAATCTGTGAGGCTACGACTCTAGAGATTCGGCAGTT
 GCTGCAGAGTGAGAAAAGCCAGATCTCCCTGCCTTGTGGGACTGCCACAGAGCCCGCTTGCCTGGAG
 ATGCCATATCCAGTGAGTCTTTTGAATGGAATCAGGATTTTTACTCCAGGTACTCCACAACTCTCCAG
 TGGTGCCGGGAAACCAACTCACACAGCTAACAGAAGATTAACAGGGTCTATCAATGCAGATGGTGC
 CCCGCTTTGTGGACTGATCCCCTCCAGGTAGGACAGGAATTCATCTGGCAGACATGCCATGGCTCT
 GAGACACTGGTTTCTCCAGGGCTTGAGGAGCCAGTGGTTTTAATGAATGAGGAAGACAGTGCACAGCA
 ATTTAACTATATCCAGCAGCTCCAAGACCATGAGGCATTGAACACAGGTTCCCTTTTCCAGACCCTGAC
 CCCACAGCTTACTGTACACATCCTATGGCTGTGTCGATTGTACCGATGCCCGCAGCCATTCTCAGT
 CCCGAAGTATTAAGGCTTTTGGAGATACATGTGAAAAAATGATGCATTTCCAACGGTGGGGCTCCCCA
 GACGTGTAGAGGAGTCCCTAAAGCAATTCATGCCAAACCCACAGTGTATCTCCGGCCAGAACATAACCA
 ACCAGTTTCATTTATCCTGAATACTAGCTCTCAAGACTGTGTTTATAGGTTTGGGGTATTTCCGCCGAG
 ACCTGGTACTCATATATGGACGGACAACCTATCCAGACCTTTTGGGTTTCTGAGTGGTCTAGTGGTGACC
 AAGGACAAAGACTATCCTGCAAACCAATCCCTAGCCTTGTGAAAAGCCCTTACTACTCCTGACTATGA
 ACTTTTACATGACCTCTGTCTATCGCCTGAGGGACAAGTTGATGGCTCCCAGAGCAATCTCAGAAGAAA
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 AAGGTGTCTCAAGAATACACTCAAACCCCTACAAAGAGCCTATTTCTTGAAGGTGTCCCACCTAT
 CCCCTTACCTGAGGCAGCCCCGCCCTTCTTCAACTTCTCAAATGAGTCTTTGGATGAGCCTCAAAGA
 GCTCAGATCGGTGGTGTCCATTCTGACTCTGTGCGAATGTA AAACTTTGGAGTGGCATCTTCTACAAA



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GACAGCTTCAGCTTCAGTGGGGCCTGTCGGCTGTCATCGCTAGACCTCCACGTGTGCAGAGCCACACGCA
 GTATAAGCATAAGCCGTGGAATAAAGCCAAAGCCACGTGAGACTTTAAAATTTTTTCGGGCCAGGAAAACCC
 TTCTCAGCTTTCACCAGAGAGCTTTTCTTCATCCCTCAGCACGCGCAAGCTGCTGGAATTCACCTGC
 AGAAGCGGCTGATTCACCTTCGCTGGGGCTGCCCCAGAGGATCCAGCGCTCCATAAATATGCTGCTCTC
 CTAACAGACCCGAGTCCCTGCCCTGCCGTGGCAGTAGGCTACCTAATGTGAGCATCTCACAGCCAGGG
 AAACCAGAGGCCATGGGTCTGGTGATACGTTCTTACCCACAGCGGGCAAAGGAACAACCCCATGCCAC
 ACTTGTGTTGCCAAGGCACAGGAAATGTTGAAAAGCCATTTTGATACCAAATGTGAACAGATCCGGGAGGG
 CAAGGTCCCGCCCTGTGTCCAAAGCGCCTGAAAAGGCAGAATTCCTGGGGATTTGGCAGCAGGGACTTTA
 TTCCAAACATTCCACAAGGTACGCCCTGGAGCTTCAGGCAGAAAACAACCCTGACCTACATCAAGAAG
 CTGTTTCTGAAACCAATGGACCTTGACCAGGAGGCTCAGGCCTTTTCAGGTGTTTTATTGAACACTG
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 GCCTTCTGTGAGGCTGCAGGCCCTTACTGCATGGCCCAACTAAAGCAACATCCCAACTGTTGACC
 AATCTGTAATCACAACATATGCCCTGGTCTGTCAAAGCCACAGAAGCCCTATCTCAGAAGTCTCCACT
 TGAAGCCCTATGCCTGAGTGGGCTTGGCCCTGTACTCAAGATGACAAGGAGACTTCTGCAACATTGCA
 GAAGAGTTCAGCATGGAGCTCAGGGGCATGGAAGGACAGAGAAGGTGCCCTCCAGAGAGACAGCCTCTCC
 TGAATAGACCCTACTCATTAGACACAGAGATCATGGAGAGAGTAGTTTCTACCTGAAAAGGAAGGCTCT
 GGATATAAAGTTGGGAATTTCTCTAAAAGAGAGTGTGTTCCAAGAGCCAACTGCAACAGACTTGGAGAGT
 GAATCTGTTTCCAGGAGCCTCTCAGGAGTCCACGGGAAAGCACACTGCTACAGGGACCGCCACCTTATGTC
 ACGTTCCTGTAGCCCCAGATCCAGATAAGGTCTGCCTTAAACAGCCAGCTACTGCAGTGCAGGTTGTGTT
 TCAGGAGCAAACCAACCGAGTTCAGAGCAGTGGCCATAGATCTGCCCGCAGGGCTCACAAGTCCAC
 AGGAATATGATGGAGGCCAAGTGCATATGTTTCAGATGGGACCGGTGGGAAATGCTGAACCTAGGGG
 AACCTTTAGCACTGAGTCCCAAAGCCAGGCAAGAGTAAGTCAAGTATGCTCCCTACAGTGGCAGGCAA
 GAGAAAAATCCCAGGAAACCAAGGTCTGGGGGACCTGGAGAAGGGGACGCAAGTCTTGATTTTCC
 CTGGTCAGTCTAAAGACACGCCAGGATGGAGAGCAGGAGAAGAGGCTCCTGCACAGACAACCTCAGGGCT
 CCTCACTACAGGCCAAACCTTTTCTTTCAGGGTGCCTGTCCACACAGCCCCAGGAGTCCCCTGAGCT
 CCAGTTCGCAGATCCACCTCCAGAAGTCTTCATGGAGACAGACTCTGAGCAGGACATGGAAGACAGTCAA
 AGCAAGGAATCCATTGTCCAGAACCTGCGAGGACTGCTAAAGCCCCCAGCCTATGCTCTCCCGGCTT
 CCCAGGGCCTTCTTTCCACGCTCACCAACTCAGAGAAAGCCTTCTCAGGGCAACCTGGTCCAGGTCA
 CGTCCCACAGGGCATGCAACGCCAGCCTCTCCCTACACGAGACCAGCCGCTTCCAGAGGCTGGCTTG
 AAAATAAAATGAAATATTTTTTTCATTCAATTAAGTCAAGATGAAGAGCAAAGCACACACGGAGCCAT
 CCACGGTCTCTACACCTGAAAGGTGGCCAAAACAGTAAAGAAAATATTGATAGGGGTCTGCCTCAAGC
 CAAGAGCCCACCAAGAAAACAAAGCCAGAGGACTTCAGAGGGCCAAGGCCAGTTTTCTTCTTCTGAG
 AAGTCAGTAGTTGGCCCTGTCTAACTCCTTCTATATTCTAGACAGTAAGTTCTGGCCTCGACCTCGAC
 GAGTTGGCTCTGTCTCAGTACTAGGCCACTCTTACCATTGCCCTCGGCACTGTCTAGGTTGGCTTATGC
 CAATCAACAGAGAAACCCACCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001277167
- Insert Size:** 3945 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001277167.1, NP_001264096.1</u>
RefSeq Size:	4146 bp
RefSeq ORF:	3945 bp
Locus ID:	433698
Cytogenetics:	4 A5