

Product datasheet for **MC224210**

Fam205a2 (NM_001085530) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam205a2 (NM_001085530) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fam205a2
Synonyms: Fam205a; Gm13298; OTTMUSG00000011339
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224210 representing NM_001085530
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGAGCACTATGTGCTTTCTGTGGGACACTGAATGTCCTTGTATGTCTATTTCTGCTTCTTCATCA
 TTGTCCTAATTGTCTGGCAAGTGCCTCAGAATTACCAAGGATTGAAGTGCAGAAAATAGAAGAAGCTGCTG
 TCGGGCTCATCAAAAAGTCAGGCAAAGGGCTAAAGATGCAGCGTCAAGAGCCAGGAGACTTTCCCGAGAA
 GAAGATGAGAAGCCATGCGAGCTGCTCTATCATGAAAAGCCAAAGCTGGGTCCCAAGCAGGAAATG
 TCGGGCAGCTCCTGTGTTTATAGTCCCAGCTGCCAAATCTGTGAGGCTACGACTCTAGAGATTCGGCAGTT
 GCTGCAGAGTAAGAAAAGCCAGATCTCCCTGCCTTGTGGGACTGCCACAGAGAGCCGCTTGCCTGGAG
 ATGCCATATCCAGTGAGTCTTTTGAATGGAATCAGGATTTTACTCCAGGTACTCCACAACTCTCCAG
 TGGTGCCTGGAACCAAACTCACACAGCTAACAGAAGATTAACAGAGTCTACCAATGCAGATGGTGT
 CCTGCTTGTGGACTGATCCCCTCCAGATAGGACAGGAATTCATCTGGCAGACATGCCATGGCCTCT
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 ATTTAACTATATCCAGCAGCTCCAAGACCATGAGGCATTGAACACAGATTCTTTTCCAGACCCTGAC
 CCCACAGCTTACTGTACACATCCTATGGCTGTGTCGATTGTACCGATGCCCGCAGCCATTCTCAGT
 CCGGAAGTATTAAGGCTTTTGGAGATACATGTGAAAAAATGATGCATTTCCAAAGGTGGGGCTCCCCA
 GACGTGTAGAGGAGTCCCTAAAGCAATTCATGCCAAACCCACAGTGTATCTCCCGCCAGAACATAACCA
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 ACCTGGTACTCATATATGGATGGACAACCTATCCAGACCTTTTGGGTTTCTGAGTGGTCTAGTGGTGACC
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 TCCTTACCTGAGGCAGCCCCGCCCTTCTTCAACTTCTCCAAATGAGTCTTTGGATGAGCCTCAAAGA
 GCTCAGATCGGTGGTGTCCATTCTGACTCTGTGAGAATGTAATACTTTGGAGTGGCATCTTCTACAAA



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GACAGCTTCAGCTTCAGTGGGGCTGCCGGCTGTCATCGCTAGACCTCCACGTGTGCAGAGCCACACGCA
 GTATAAGCATAAGCCATGGAATAAAGCCAGCCACGTGAGACTTTAAAATTTTCGGGCCAGGAAAACCC
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 AGAAGCGGCTGATTACCTTCGCTGGGGCTGCCCCAGAGGATCCAGCGCTCCATAAATATGCTGCTCTC
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 TCTGTTACAGGAGCTCTCGGGAGTCCACGGGAAAGCACACTGCTACAGGGACCGCCACCTTATGTCACG
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 GGAGCAAAACCAACCGAGTTCAGAGCAGTGGCCCATAGATCTGCCCGCAGGGCTCACAAAGTCCACAGG
 AATATGATGGAGGCCAAGTGCCTATGTTTCAAGATGGGGACCGTGGGAAATGCTGAACCTAGGGGAAC
 CCTTTAGCACTGAGTCCCAAAGCCAGGCAAGAGTAAGTCAGGCTATGTCCTACAGTGGCAGGCAAGAG
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 AAGGAATCCATTGTCCCAGAACCCTGCGAGGACTGCTAAAGCCCCCAGCCTATGCTCTCCCGGGCTTCCC
 AGGGCTTCTTTTCCCACGCTCACCAACTCAGAGAAAAGCCTTCTCAGGGCCAACCTGGTCCAGGTCACGT
 CCCACCAGGGCATGCAACGCCAGCCTCTCCCTACACGAGACCCAGCCGCTTCCAGAGGCTGGCTTGAAA
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 CGGTCTCTACACCTGAAAGGTGGCCAAAACAGTAAAGAAAATATTGATAGGGGTCTGCCTCAAGCCAA
 GAGCCCCACCAAGAAAACAAGCCAGAGGACTTCAGAGGGCCCAAGGCCAGTTTTTCAGTAGTTGGCCCC
 TGCTAACTCCTTCTATATTCTAGACAGTAAGTTCTGGCCTCGACCTCGACGAGTTGGCTCTGTCTCAG
 TACTAGGCCACTCTTACCATTGCCCTCGGCACTGTCTAGGTTGGCTTATGCCAATCAACAGAGAAAACCC
 ACCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001085530
- Insert Size:** 3927 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.

RefSeq: [NM_001085530.1](#), [NP_001078999.1](#)

RefSeq Size: 4130 bp

RefSeq ORF: 3927 bp

Locus ID: 545611

UniProt ID: [C0HKD1](#)

Cytogenetics: 4 A5