

## Product datasheet for **MC201690**

### Fam214a (NM\_153584) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam214a (NM\_153584) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam214a  
**Synonyms:** 6330415I01Rik; AI553555; C130047D21Rik; Kiaa1370; mKIAA1370  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC031353 sequence for NM\_153584  
 CTGCCTTTGTGAGAAGCCTGCACGGGGAAGCGCAGCACCCAGCGTTGCTCCACTCGCTCGCTCTCTCCT  
 CTCCCGTGCTTTCCCTCCGCGGTGACAGGGTAGCAGCTGACAGCCGAGGCTTCCAGTATGGTTTTTCAG  
 TGGGAACAAAGGCTCCGCAGACAAGATGCCTTGATGAGTATTTGAATATGACGCAGAGAGTCTTGT  
 GTCTCTTTGGCCTTGCTGATAACTGAAGGACGAACCCCGAGTGCTCTGTGAAAGGCCGTGCAGAGAGTT  
 TCCACTGCCCTCCAGCGCAGTCTCGCTTCCAGGAACGGCCAGACATGAATGCAGCGACAAGCTGGCCCA  
 GTGTCCGCAAGCCAGACGAACCAGATCTGAGGTACACTGTTGTGAAAAATAATCTCCCAATCATGGTG  
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 GCTTGGCTGAGTGTCTCATGGTGCTATTCCACGAAACATTCTTACAGAAATCAGTGTGCGGATGTCG  
 ACCTGCAGTGGAGTTTTTACAGACTCCAAGTGCAGTGTGTTTCCCGTCCCAATGTCTCTCACAATGT  
 GGCTTGAAGTCAAGCTCAGTCTTACCCAGACAAGCTCATTATCCGTTTTGACCTGTAGTATTCAT  
 ACTAACATTGGTCTGTATGAGAAGAGAATTCAAGAACAGGAGCTTAGAGCCTGTCAGCACCATGGCCCTG  
 GTGAGGTGGAGTACCGTTGTCCAGCAGCTCACAGAGCCTATGCAGCAAGCACACATGGACCATGGCACC  
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 AGCCAGGATTGCACAGCACCTAGAACACATCGACCCCGCAGCTCACATCCCGGCTGCATTGAGCAAG  
 CACGACTCCAATCCATTCTTCTAAAGTGTTCAGGAGTTCATTTGATGACAAAACCTTGTGAAAGAAGG  
 GCAGAGAGAATGTCTGTCTGTCTCATACAGAAGTGTCTTATTGGGAGACAGAGGTGATGGGGA



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AAGCCTCAAACCTAGTAAATGCTTGCATCTTTCAAATACAGCCCTCAAGAAAAGCCTTTGAAACCTGAA
GTAAGAACTCAGCATCAGAACCATCCTGATAGCATCACCCACAGCCAGGCAGGAGCTGCTGAACAAGG
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TGAGGTTCCAGAGTCTAAATCTGGAAAGATCTACCTCCATAGAGATGTCCGGCTCCTGTTCTCTAGAAA
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GATTTTATAAAGGACCCCTGAAGTGAACCCGTTTCTAAGTGGACTGGAAGCACCCGTGTCGTCGC
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TGCATAAGTCTTTAAAAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_153584
- Insert Size:** 3249 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:** [BC031353](#), [AAH31353](#)

RefSeq Size: 3808 bp  
RefSeq ORF: 3249 bp  
Locus ID: 235493  
UniProt ID: Q69ZK7  
Cytogenetics: 9 D