

## Product datasheet for **RN206834**

### **Fam234a (NM\_001009701) Rat Untagged Clone**

#### **Product data:**

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                       |
| Product Name:      | Fam234a (NM_001009701) Rat Untagged Clone |
| Tag:               | Tag Free                                  |
| Symbol:            | Fam234a                                   |
| Synonyms:          | Itfg3; RGD1311484                         |
| Vector:            | pCMV6-Entry (PS100001)                    |
| E. coli Selection: | Kanamycin (25 ug/mL)                      |
| Cell Selection:    | Neomycin                                  |



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**Fully Sequenced ORF:** >RN206834 representing NM\_001009701  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGGATGACAAGGATCTAGAAGCTGAAATACATCCCTTGAAGAATGAGGACAAAAAGTCACAGGAAA  
 ACCTAGGAAACCTACCAAGACCGAGGACAACCTGAAGAACAAGCCTGTGCCTTCTCGCTTGTCCCGGTG  
 TCGCACGGTGGCATTTCCTTTCCCTGTTTCATCTGTCTCTTTGTGGTGTGGTCTCTCTTTTCATCATC  
 CCATGCCAGACCGACCGTCTCTGAGGACAAGTGGAGGCTGGACTACGACTATGCAGTCACGTACGACT  
 TTCTGGCTCTGGGAGACGTAGACAGGGACGAGGTTGAGGACGTTCTTTCTTTTAAAAACACCAACAG  
 CAGTAACAATTCCACCAGGTCTGTGCTGACGAAGGCTTTTCCACTCCCTGCACCTTTATGGCTGCTGTG  
 TCAGGGACCAACGGTACCGTCTCTGGGAGCGCCTTTGGCCCAAGATGTTGCCCATGTAAGTGTGCCG  
 TGCCACAGACACGGGACAGCAAGGTGTCTCTGCCTGTGCTCTGGTGGGAAGACTGGTTCTTTTCATGGC  
 AGTCAACTTCTTACAGGAGAAACGCTGTGGAGCCATCCAGAAGCTTTAGTGGGAATGCGTCCATCTTG  
 AGTCTCTGCTCCAGGTGCCTGACATCGACGGTACGGTCTCCAGACCTGCTGATGCTCTCCCGGGAGG  
 GACAGGAGGTCACTGGCGCTCTATTACAGGTAGCACTGGGTACCAAGATTGGCCACAGAGGCAGCCTTGG  
 TGTGGATGGAGATGGTGTGCGCCCTCTTACAGTGACCAGAACGGGTGCTCAGTATATTCTCTGCCTGT  
 GCAAGTGCCTCTGTGGCGTCTCTGTGAAGGCTCTATAAGAGAATTACTGGGAGAGATGACCATTTTA  
 AGGAAGACCCCTCTGGGAGAACATGCTCAATCGCTCTGCTCACAGGAGGCTTTTGCACAGCTCTGGAGC  
 AGTTCGATACCTGATGAATGTCCAGGGAAAACGGCCAGGACTTGCTTCTTGTGAGCTCTGAGGACTGT  
 AAGCTGCTGGATGGACAAGATCTGGTGCCAGGTGGACTCTTGGTGAACCTCAGGTTCTGAGAAAACCTA  
 TCCTTGGCCACTACAAACCAGACACCTTGGCTGTGGTAATTGAAAATGGAACAGCCTTGATAGACAGAT  
 CCTCCTTCTGGACCTCAGCACTGGGTCTATGCTGTGGAGCCAGCCCTCCCAAGCCTTCTGGGGCCCA  
 CCATCCACAAGCCTGATGACTGCAGACCACCGCTCAGCCTTCTTCTTCTGGGGCCTCCATGACCCTGTGA  
 GCGCTAATGAGATGGATCCCGAGACACGCAGCACAGCCTGTATATGTTCCACCCGACCCTGCCCGCAT  
 CCTGCTGGAGCTAGCCAACGTGTCCGCCAACATCGTGGCCTTTGATGCGGTCTGTTTGGAGCAAGCCGC  
 CACGCTGCCTATGTGCTCCTGACGGGCCAGCAAGTTCAGATGTGCCTGGCCTGGTCTCTGACCAAAC  
 ACAGAGTGCAGACCTTGTCCAGGCAGTCGAGTATCCACTTGAGCGAAGGCAGCTCCGACAGTGACCA  
 GGCTATCCGGGACCGGTTCTCCCGACTACGGTACCGGAGTGAGGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001009701

**Insert Size:** 1659 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\\_001009701.1](#), [NP\\_001009701.1](#)

**RefSeq Size:** 2652 bp

**RefSeq ORF:** 1659 bp

**Locus ID:** 360502

**UniProt ID:** [Q5M7W6](#)

**Cytogenetics:** 10q12