

## Product datasheet for **RN203542**

### Fam35a (NM\_001025028) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam35a (NM_001025028) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam35a
Synonyms:	RGD1310009
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203542 representing NM\_001025028  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATCGAGGACCTCAAGTTCACATATTTTGGGGTGCTCCAGTTGCTGCACTGAAAATGACAGTATCCC  
 AGGAAACAGCCTCCTTAATGTCCACTGCCAACCTGGGAAAAAGTCCAACCTCTTTTCAAACAGCGTTC  
 TTTGTGCTGAAGGCTGGAGATCAGGAGTTTAAAAGTCTGGAAGACTGTCAAGTCCCGAAGTTTTGGC  
 CCACCCGGTCTTCTTAGTGGTCACCTTTTAAAGCTTATGTGAATAGGTCTGCTCAGGCGGAAGAAGACT  
 TTAACATTCTGAGTCTGAAACACAGAATGTAAGTCCCAGAAGATTAGCCTAAGTGATGACTAGTGT  
 ATGTCGACTTACGGACAGAGTTCAGCATTTACCTGAAGAAGAAAAATACCAAAGCTTCCATATGAAAAT  
 AAGAAAATTATAGATGAGCAGTCTAAAACCTCAGTCAGATGCCTGCGTTCAGAAGTTCAAAGAGATGTGC  
 TTCAGTTAGATCGTAAGTGTGCAGCTGAAGTGGATCTGGGCTGTAGTGTGGACAGAAGAATACAGGGCC  
 AGAGGCTGAGGAAAAAAACCAGAGCCAACAGGACATCGTGAAACACAAAGTCAGGAGAGCTTTGCCTCT  
 GACACACAGTGTGAACCACAGTCTGAGGGAGCAGTCAGGCAGGCCCTCAGGCCAGAGAATATCTCCTGATA  
 CTGAATTTCTCAGGGTAATGACCGCCAGCCAGCGTGCTTTTCTAGCTCAAGGGAATGATAAAGGTCAAGA  
 CTATATTAATAAGAGGACTGTAACCTGGAGGCAGAACCCTACAGGCAGTCAGGGAGTCAGAGGAAGTAA  
 GGGAAATTTAGTGAAGCTGGTGGAGATTTTGAAGAAGGATCTGAAAGTGAGCAAAGCCAAGCATATTTCC  
 TGGAACTTTTGTCTGTTTGTCTGAATCAGAAAGCAGTTACGGTCACATAAACCCCTGGGAAAAGTCT  
 TGAAGAAAATAAAGCTCTCCAGAACTTCCAGTCGTGAGGAAAACCTGCCACAAAATGAAGCACACGTT  
 GAGTTGTGTGGCTCAGGAGTGTGTGTTCCCAACCAAGCAGCTCCCATCGAAGTACAGCTAAAAGGAGCC  
 AGTGTCTAAGGACAATGCCCTCATTCTACAGCTCACTCTGAAGTCCATCAGGTGTCAGGAAAGCAAG  
 GATGGATTTCCAATAGAAGAGAGGCGACGCCAAGCAGTGCCTCAGAAGATCATGCCTGAATTTAAGGATAGT  
 AAAAAAATATCATTAAATAAAAAATTGTGATTCTAAAAGTCAAGATATAACTGCTTAGTCATGGTGTAA  
 CCCCATGTCAGTGAAGGAAATAAACGTAATACTGGACCGAATTTCTGGTTCTAAAGTGCCGTTAGCAAC  
 GATTGTAGTAGTCGATCAGTCGGAGATTAAGAAGAGGGTTGTTCTGTGGAGGACTGCAGCATTTTGGGCA  
 CTTACAGTGTCTTGGTGATATAATTCTACTTACAGATGTTGTTCTTTATGAGGACCAGTGGATTGGTG  
 AGACAGTACTCCAATCAACACTTACCAGTCAGTTACTGAATCTGGGAAGTTACTCATATGTCAGCCCGA  
 AAAATATTTCCAATATAATTGCCAATGTTATACTCAGGATTTACTGACATATGTGTCTTCAAACATTCC  
 TATCTCAAAGATCTGCCTCAGAGGCAGCCTCAGAAAATCAACACCGTAAAGTTTGTGGAATTTGGAGCAGT  
 TGACGCTGATACATTAGTCCATGCAGTCTCAGAGTAGTGAACATCACTGTATTGACAGAGGCATTATA  
 TAGTTACAGAGGACAAAAGCAAAGAAAGGTTGTGTTAACGGTGGAAACAGGCTCAAGGTCAACATTACCTG  
 CTTGTATTATGGGGTCTGGAGCAGCCTGGCATACTCAACTTCAAAGGAAAAAAGATTGTATTTGGGAAT  
 TTAAGTACCTTTTGTTCAGCGGAAGTGCATACTAGAAAACCTTAGAATTACATACAACACTGTGGTCATC  
 CTGTGAATGCCTGTTGATGATGATACAAGAGCAATTTCAATTTAAAGCAAAAATTTCAAAAAAATACATCC  
 TCCTTTGTCAAGATATCAGACTTAGCAACTCACCTAACAGATAAGTATTCAGGAGTGGTTCTGATCACAG  
 CCAGGGTGTGAGAGTGGTGTCTGTGCTACAGCAGCTCAGAAGGTGGCTCTGAATGCTCGCAGCAGTCT  
 GCAGAGCATTTCTCGTCTTTCCCGTATCACCTATGCTGGCTGTGCGCAGTGCAGGCTCAGAAGTGCAG  
 ACGGATGAGAACAGGATCTACAGACAGTGTCTGGGTTGCTTGCCTTTGTTGGGAAGAAAATGTTCTACA  
 GACCGGCTTTAATGACCATAGTTGATGGAAGACATAATACTTATGTCCATGTTGGGTCGAAGATGATGGA  
 GCAGATTCTTTTCAACATTTCTCCAGATTGCCTCAGCAGAGTGTAGCGCCTTCTCAGAGGTACCTTAC  
 GGCATGGTGTGCGGACCTGCTGCACTCCTTGTGGCAGTCAGTGCAGAACCTTGCCTGCTGAAGATCC  
 AGAGCCTTTTGTGATGGATGAAAACAGCTACCCCTGCAGCAGAACCTTCCCTGTTAGATTTCTGCC  
 TGACTCGTTAAGATGTGGAGACCAGGACTTGTCTAAGGCCAGAGGAGGACTGGAGTTGTTCCAAG  
 GAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_001025028
<b>Insert Size:</b>	2736 bp
<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>RefSeq:</b>	<u><a href="#">NM_001025028.2</a></u> , <u><a href="#">NP_001020199.2</a></u>
<b>RefSeq Size:</b>	3372 bp
<b>RefSeq ORF:</b>	2736 bp
<b>Locus ID:</b>	364514
<b>Cytogenetics:</b>	16p15