

## Product datasheet for **RN213563**

### Fam161a (NM\_001013876) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam161a (NM_001013876) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam161a
Synonyms:	RGD1304999
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN213563 representing NM\_001013876  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGGCAGATACGGGCGTCGGCAGGCTGTACAGCTCTCCTGGGAAGGACAAAGAGGTGACATTGGAGA  
 AACTATGAACCTCTCTGATATTTACCCTCTGATGAAGAGTACTTCAGGAACTCAAAGACCTGAGGGC  
 TGCCCATCGAGAGCCATGGTAAAATTAGAGAAAATGTACCAGGACAAGCTAACTATGAAGGACATCCAG  
 GCAGCGCTCGTTGGGGATGATTCTTCTAGTTCTGCATCGAAAAGAGCTGCTCACATCTGCCTTGTTCGG  
 CGACCTCGCTTTCAGAGCCTGACCTAGACCGGTCGTCCTTGTCCACAACACTGATGAGTTGCCCGA  
 CCTAGAGAAAAAGACTCCTGGGAAATCGGAACAAGGTCTATGCCAAGGAGCTCATAAACAACATGTGG  
 AACGACTTTTCTGTTGAAGATTACTCAGTACTGACTCTGACCTCAAACAGCCAAGAAAAACAGGAAGA  
 AACCTAAAGCCTGGACGCCAGGATTACAGTGCCGGTGCCCTTTGAAATGACGGTAAGAGAGCAGAAGCG  
 GAGAGAGAAGGCCTCGGATGCTCAGGAAACCAGGAGAAGATGCTCAAGAGGAATGAGGACGATGCAGAG  
 TGTAAAGAAATTCAGGACCAATCCAGTTCCTTCCCGCCTGCTCCTTCCCTTTATGAGGATCTAGTCA  
 AGCAGAACGAGGAGCGTCGGAAGAAGACCCGGGAGAGGAGCAAAGCCGCACTCCTGGCCTCCCAGAAGCC  
 CTTAAGTTTATTGCGAGGGAGGAACAGAAGCAAGCAATCCGTGAGAAGAAGCTGAGAGAAGCTTTGTAGG  
 GCTAAGAAGAAACCGAAGCAGTTTAAAGCCAGGCTGTGCCTCGTTTTATTACAGACCCTGCGAATG  
 TCAAGCCAAAGAGGGAAGAGCTCTATGGGGACAGCAGGACACAGCCAAAGGCCAGAGATGTGCTGCAGAG  
 TTCGCCTTGGCCAGTCACTCCACTTACAGAGCTTTCAGGGACCCAGAAGTCTGCAATGCCAAGGGGT  
 AAACACAGGCATAGGCGCCTGAGCCCAGTGACCAAGGCTTGGAGAAATGGAAGGAACCCCTCTCTGAAC  
 AGAGCTTTCGGAAGTCCCGGTGCTTTGTGACCAGTGTGTCTTTACGAATCCTTATGTACTCCAATAA  
 AAGACAGAAAATCTTGGCAGACATCCGAATGGGTGAGGAAATTTGAAAGAAACACGCAGGCCTAATCCT  
 TCTCTAGGCATAAATCCCCAGAGAAGCGCGCACGCCAGCGCCAGGCCTTGTGAATACAGCCCTCCGA  
 TGCCACCCGCGTCTTCCCGAGGGCGCGAGCAAGCCATCAGAAGGAGCGAAAAGGCCAGGATGAAAGAATA  
 TTGGCAAGAATTGGAGGAGCAAGATAAAAAATTGCAAAGAGGCCGATGCTGTTTGAAGAGTCTCCAG  
 GTTGTGTTTATTGAATT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001013876
- Insert Size:** 1491 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\\_001013876.2](#), [NP\\_001013898.2](#)

**RefSeq Size:** 1932 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 289833

**UniProt ID:** [Q6AY14](#)

**Cytogenetics:** 14q22

**Gene Summary:** Involved in ciliogenesis.[UniProtKB/Swiss-Prot Function]