

## Product datasheet for **RN214305**

### Acod1 (NM\_001107282) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Acod1 (NM_001107282) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acod1
Synonyms:	Irg1; RGD1563454
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214305 representing NM\_001107282  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATGCTCAAGTCTGTACAGAGAGCTTTGCCAGTATGATTCACGGCTTGAGAGTGGGCCACCTGACAG  
 ATGGCGTCATTCAGAGGAGCAAGAGGATGATCCTGGACTCTCTGGCGTTGGTTTCTGGGAACAGGCAC  
 GGAAGTGTTCATAACGTCACCCAATATAGTAAAATCTACAGTTCCAACACCTCCAGCACTGTTTGGGGT  
 CGACCAGACTTCAGGCTCCCTCCACATATGCTGCTTTTGTAAACGGTGTGCTATTCACTCCATGGATT  
 TTGATGACACGTGGCACCCCTGCCACCCACCTTCCGGGGCTGTCTACCTGTGCTCACAGCTTTATCGGA  
 AGCCCTGCCCCAGACGCCAAAGTTTTCTGGCTCGACCTGCTGCTGGCGTTCAGCGTTGGTATTGAAGTA  
 CAAGGACGATTGTTGCATTCTCCAAGGAGGCCAAGGACATACCAAGAGGTTCCATCTCCCTCTGTGG  
 TGGGGACTCTGGGAAGTGTGCTGCCACATCCAAGTTTTTGGGGCTCAGCTTAACAAAGTGCCGTGAGGC  
 CTTGGCTATTGCTGTTTTCCATGCCGGGGCGCCATAGCAAACGCTGCCACTCAGACTAAGCCCCTTCAT  
 ATCGGCAATGCAGCCAAGCATGGGATGGAAGCCACATTTCTGGCAATGCTGGGCCTCCAAGGAAACAAC  
 AGATCTTGGACCTGGGGTCAGGGTTTGGCGCTTCTATGCCAACTACTCCCCAAAGACCTTCCAAGCCT  
 GGATTCTCACATCTGGCTCCTAGACCAGCAGGATGTGGCCTTTAAGAGCTTCCGGGCACATCTGGCTACC  
 CACTGGGTGGCAGACGCAGCCGAGCTGTGAGAAAGCACCTCGTACTTCAGAAAGAGCCCTGCTTCTCTG  
 CTGACCACATCGAGAGAATCGTGCTCAGGATCCCTGATGTCCAGTACGTAACAGGCCCTTCCGGGACTC  
 AGAGCATGAAGCCCGTCATTCTTCCAGTATGTGGCCTGTGCCACGCTGCTCGATGGTAGCGTCACTGTC  
 CCATCTTCTATAGCCAGAAGGTCAACAGGCCTCAGGTGAAAGAGTTGCTCAAGAAGGTGGAGTTGGAAC  
 ATCTCCCGACAACCTGCCAAGTTCAACACGCTCTACTGTGAAATAAGCATCACTTAAGGATGGAAC  
 CACTTTACCGAGCGCTCTGACACCTTCTATGGTCACTGGAGGAAACCACTGAGCCAGGAGGATCTGCAC  
 AAGAAGTTCGGTCCCAATGCCTCAAAGATTCTAGGCGAGGACACAGTAGAAAGCCTTATAACGGTAGTAG  
 AAAAAGTGAAGACCTAGAAGACTGCGCCATGCTAACCAGACTTCTGAAAGGACCCTCTGTCCAAGAGGA  
 GGCTTCCAAACTATCCAGCATATTCTATTCCATCACACAAGTTTGCCCAAGTTTACCAATATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001107282

**Insert Size:** 1467 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\\_001107282.1](#), [NP\\_001100752.1](#)  
RefSeq Size: 2143 bp  
RefSeq ORF: 1467 bp  
Locus ID: 306127  
Cytogenetics: 15q23