

## Product datasheet for **MC221843**

### Adam3 (NM\_009619) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adam3 (NM_009619) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam3
Synonyms:	Cyrn1; Taz83; tMDC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221843 representing NM\_009619  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCCCTTATCCTAGTCTCTCATACCTAGGCCAAGTGATCGCTGCAGGCAAAGACGTAGAAACAC  
 CACTTCTGCAGATCACAGTACCAGAGAAAATCGACACCAACATCCAGGATGCCAAGGAGGCAGAGACACA  
 AGTCACCTTACGTGGTCAGAATTGAGGGCAAAGCATAACACTCCAACCTGAAAAACAGTCATTTTTACAC  
 CCACTTTTTGGAACATATTTGCGTGACAAGTTGGGAACATTGCAACCATACTTTTCTTTAGTAAAGACTC  
 ACTGCTTTTATCAAGGACATGCTGCCGAGATCCCAGTATCAACAGTGACACTCAGCACTTGTCTCAGGTCT  
 CAGGGGTTTGTTCAGTTAGAGAACATCACTTATGGAATTGAGCCCTTGGAGTCTTCAGTACATTTGAA  
 CACATACTTTATGAAATTAAGAATAACAAAATTGACTATTCTCCTTTAAAAGAAAACCTCGCAAATCTG  
 AGCAAGAAAGTCAGTCTACCGAATCCTTGTCAAACCAGAGAAAGTTGCAACTCGACACTAACAAAGAG  
 AATTCTGAGGATAAAGATCATCATGGATAAAGCCATGTTTGACCATATGGGCTCTGAGGTGGGAGTTGCA  
 ACTCAGAAAGTTGTTACATCTTTGGTCTCATTAACTACTGTTTTCCCGACTGAAGATGACAGTATGT  
 TAAACTCTCTGGAGATCTGGTCAGAACAAGACAAGATAGAAACCAATGGGGATGCTGATGAGGTCCTGCA  
 AAGGTTCTCTGCTGTGAAAAGCAAGGAAATATCTCAAAGGCCAGGATATAACCTACTTACTCCTGTAT  
 AAGGATCATCCTGATTATGTGGGAGCGACATATCATGGGATGGCTGCAACCCAAATTTTACCGCAGGAA  
 TTGCTCTGCATCCAAAGACGTTAGCTGTGGAGGGCTTTGCCATTGTTCTCTCACAGTTGCTGGGAATTA  
 CCTGGGTTGGCATAACGATGACGCTACAATTGTTCTGTCCAGGAAGCAGATGCATAATGAATCCTTCG  
 GCAATACGTTCCCAAGGCATAAAGGTTTTAGCAGTTGTAGTGTGGATGAATTCAAACAGCTGGCTTCAC  
 AACCTGAACCTGGACTGCCTTCGGAATACATCGGAGACAGAATTTGTTGTCCAGCCCAAGTGGATCGTA  
 TTGTGGTAACCATCTCCTGGAGGTCCCAGAGCAATGTGACTGTGGCCACCAGAGACCTGTACTCATAAAA  
 AAATGCTGTAACCTAAAGACTGTACTCTGATTGATGCTGCGCAGTGTGGTACAGGGCCATGCTGTGATA  
 AAAGAACATGTACGATAGCCGAAAGAGGACGCCTATGCAGAAAAAGTAAGGACCAGTGTATTTCCAGAG  
 GTTCTGCAATGGAGAACTGAAGGCTGTGCCCTGATACAAAAGCTGCAGACCTGGAACCTTGAACAAC  
 GAGACTGCCTATTGCTTTGGTGGGTTTGGCGAGACCCAGATAGGCAGTGTACAGATTTATTTGGGAAAT  
 ATGCTAAGGGTCCTAATTATGTGTGTGCACAAGAAGTGAATCTGCAAAAATGACAAATTTGGAACTGTCA  
 TGGGCGATGTAATTATAGTGCTATATTTGTGGAAAAGCAGTTTGTCTACTGGAACTTGCGAAGTCATA  
 CAAACAGAGAAAATATGATGTTTCAGTATACTTACTTGGGAGGCCAGGTGTGTGTGTCGCTCATTTAAGAT  
 CACAGACTGGGACTAGAGATGACACATATGTCCATGATGGCACTGTTTGTGGTAGTGCCAGGTTTGCTT  
 CCGAGGAGATTGCTTACGTGTGCATGTCCTAAGGGGAACCGGGAGTGTGAGGCCGATGACAAATGCCAA  
 GGACACGGGATTTGCAACAATCTAAACAACGTGTCAGTGTGAATCTGGTTTTGCTCCTCCAGAGTGTGACA  
 TGACACCTTCACTCCAGGAGGAAGCATGGATGACGGATTTTGGCTGCCCTTCGATAAAAAGCACACCTTT  
 GATTTTCAAGCGGCATGGCCTTAAGTACAAAAAGTGCTTTTGTGATCAGTTTCTATATCCTCCTGCCTTTC  
 CTTGTTGTGCTAGCCTTCATGGCTGTTAAGCGGATGATTGGTAAGCGGCTTGCTAAGCAGAATATCTCAA  
 AGGCATTGGAGCACAAGAGGAAGCATTCAACAGAGGGTCCATGAACCCAGGCGTGGTCTCCGGTGGCAA  
 CACAGACCAGAACCTCATGACAGTCCCAGGTAGCTTCAACAGCTACGCATATCATGGCAACACAGACCAG  
 AACCTTATGACGGTCCCAGGTAGCTTCAACAGCTACTCATATCATGGCAACACAGACCAGAACTTATGA  
 CGGTCCCAGGTAGCTTCAACAGCTACTCATATCAGGATGTTTCTTACTACCGATCAATACCAAGAAGACGG  
 TAACGACAGCCAGCAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_009619  
**Insert Size:** 2469 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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\\_009619.5](#), [NP\\_033749.2](#)

**RefSeq Size:** 2745 bp

**RefSeq ORF:** 2469 bp

**Locus ID:** 11497

**UniProt ID:** [F8VQ03](#)

**Cytogenetics:** 8 13.09 cM

**Gene Summary:** Involved in fertilization by controlling sperm migration into oviduct.[UniProtKB/Swiss-Prot Function]