

Product datasheet for **RN203447**

Adam1a (NM_020078) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam1a (NM_020078) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam1a
Synonyms:	Adam1; PH-30a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN203447 representing NM_020078

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

 ATGTCAGTGGCAGCATCAGCGAGCAGGAGTGGTCCACGCTGTGTTCTCCACAGATCCAGCAAGGAGCCT
 TAAAGAAGCTAAGGTGCCCCCTCACATCTGGGCTGCACGGCATTGGAACCTGGGTCTACGACTAGTGCC
 AGGACACGCATCTGTTAGAGCAGGGATCTTGGTCTACTGATTTTTCTCCGAGCAGCTCTGTGACCTA
 GGATCTGTATATGACTCTTCTATGAGACGGTCATCCCCGAGAGACTGCCAGGCCAGGGGAGTGACGATC
 CTGGAGGGAAGGTGTCTACGTGCTGTTGATGCAAGGCCAAAAGCAGCTGCTTACCTCGAGGTAAGGG
 ACACTACTCTGAGAGGAACCTCCCGTCTACAGCTACCACCATGGTATCTGGGGCAAGAAGTCCCCCTC
 CTCTCCAGGCCCTGCCACTATGAAGGCCACATAGAAGGGGTGCCAGGCTCCTTTGTTTCTGTGAGCATCT
 GTTCAGGCCTCAGGGGGTCTTGATCAAAGAGGAAACAGCCTATGGCATCGAGCCCCTGCTTTTCCAC
 AGACTTTGAGCACATCCTCTATACCATGGCGCACCAGCCTGTGGTCTCTGCAATGTCACCTACAGAC
 AGCCTGGGGGACTCCAGCCAGCGACAAGGGAGCAGCAAGACCGATGAGCTGCTGGCTCTGTCTGACTTGT
 GGTCAACACGCAAGTATGTGGAGATGTTGTCTGGTCAACCACCAGCGCTTCCAGATGTGGGGCAGTGA
 TGTCAACACGACGGTCCAGGCGGTAGTGGACATCATTGCTCTGGCCAACAGCTTCACTAGGGGAATAAAC
 ACAGAGGTGGTGTGGTGGGCTGGAGATCTGGACAGAGGGGGACCCGATAGAGGTCCCAGTGGACCTGC
 AGGCTACACTGAGGAATTTCACTTGTGGAGACAGGAGAACTCATGGGCCGGGTGAGGCACGATGTGGC
 ACATTGATCGTCGGGCATCGCCAGGAGCGAACGAGGGCCAGGCGTTTCTCGATGGTGCCTGTTGAGGC
 GGGTTTGGCGCGCCGTGGAGGCCTTCCATCATGAGGATGTCTCTGTTTGGCGGCTCATGGCCACG
 AGCTTGGGCACAACCTGGGTATCCGGCACGACCGTCCAGGCTGCACCTGTGGTCTAAGCACCTCTGCCT
 CATGCATGAGACGATCAGTAAGACCAAGTGGCTTACGCAACTGCAGCTCTGACCACTTCTCCGTTTCCTC
 CATGACCACAGAGGGGCTGCCTGCTTGACCGGCTTGGCACCAGAGCCACAAGCGCAGAGATGCCATT
 GTGGAACGGTGTGGTAGAGGAGTCGGAGGAGTGTGACTGTGGTAATGCCTGTGACAGTACCCATGCTG
 TGAGCCAACATGTACACTGAAGTGGGTGCGCAGTGCAGTGAGGGACTCTGCTGTACAAATGTACATTC
 AAGAAGAAAGGGACCTTATGTCGCTCTGCTGAGGATGTATGTGACCTCCCGAGTACTGCAATGGCATT
 CTGGAGAATGCCCTGCAACAGCTACATGCAGGACGGCACGAGTGCATAGGATTTATTACTGCTCTGG
 GGGTTTGTGAAGAACCCTGATAAGCAATGTGCAAGGATCTATGGGTATCCTGCAAGATCGGCCCCGAG
 GAGTGTACATTTAGTTAATACTAAAGCCAACCGGTTTGGAAATGTGGCCATCCACCTCGGCTAACCC
 TAAAAATATGAAGCATGTTCCAATGAGGATATATTTGTGGGAAGTTGGTATGCACGGATGTTAGATACTT
 GCCCCAAGTCAAGCCCCTACACTCACTCCTCCAGATTCCTTACGGAGATGACTGGTGTGGAGCATGGAT
 GCCTATAACGTCACTGACATCCCTGATTACGGTGACGTGCAGGGCGGTACCTACTGTGCCCAAAAAAG
 TCTGCATGGAGTCCATCTGCACCGGTATGCCACGCTCCAGTATGACTGTGATCCACAGGAAATGTGTCA
 TGGGAATGGAGTGTGCAACAACCTTCAACACTGTCACTGTGATGCTGGCTTCTCCCTCCTGACTGCAGC
 AGTGGAGGAAATGGGGGAGTGTGGACAGTGGTCTGTGCGGAAGCCAGCTGACCGAACTTGAGTCTTT
 TTGGAGTTGGGGAGAGTCCGATTTCAGGATGGAGGATGAGGAGATCAACCTCAAAGTGGTGGTCTTGT
 GGTCCCCATCTTCCTTATTGCTGCTGTGCTGTCTAATGCTCATCGCCTACCTCTGGTCTGAAGTACAA
 GAGGCAGTGTCTCAGGGTCTTCAAGCACAACTCGTCTCAGAGTCCGAGTCCGAC**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_020078

Insert Size:

2370 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:	<u>NM_020078.1</u> , <u>NP_064463.1</u>
RefSeq Size:	2917 bp
RefSeq ORF:	2370 bp
Locus ID:	56777
UniProt ID:	<u>P70505</u>
Cytogenetics:	12q16
Gene Summary:	membrane-anchored glycoprotein and metalloproteinase-like, disintegrin-like, cysteine-rich (MDC) family member that is localized on the sperm surface where it may play a role in fertilization [RGD, Feb 2006]