

Product datasheet for **RN206827**

Adam7 (NM_020301) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam7 (NM_020301) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam7
Synonyms:	ADAM; ADAM 7; EAP; EAP I; EAPI; I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206827 representing NM_020301
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCCCACAGGTATATTTTTGATGAGTGTCTTATTTCTCAGATGCAAGGAAGAGGGATTGTTGGAG
 TAGAGGGTCAAGAACTGGTTCATCCTAAAAAGCTATCCCTGCTACAGAAACGGGATCTTGAACGCATCCA
 TGA CTCTGATACACCGGAGGAATATGAAGAAGAATTGTTGTATGAAATAAAATTGGGGAGAAAACTTTA
 ACCCTTACCTTCTGAAAGCAAGGGAATTCCTCGCTCTAAATTACAGTAAAACATACTACAACATAAAGA
 GAGAAATGGTCACCAGGCATCCACAGATCTTGGATCACTGTTTTTACCAAGGCTCCATCATAATGAATT
 TGATTCTGCGCAAGCATCAGCACTTGTATGGTCTGAGAGGCTTCTCAGGGTAAATGACCAGCGGTAC
 CTCATTGAACCAGTAAAATACTCAGATGAGGGAGATCATTTGGTGTCAAATAAATGTCAAGGCACCTT
 ATGCTACCAATTACTCCTGTGAAGGGCTGAATTTTACCAAGAAGTCTACTCTGATAGATGCTAAGATTAT
 AGAAGAGCATAAAGTAGAAGACTATCACAAGAAAAGTTCATTGAATTGTTTGTGTTGCTGATGAATTT
 GTGTACCGCAGGAACAGTAAACCCAAAACAAGTTAAGAAAACGAATTTGGGGGATGGTCAATTTTGTC
 ACATGATTTATAAAGCCTTGAACATTCTGTGTGACTTTGACTGGCATGGAATATGGTCGGCTGGAGATGA
 GATAGAAATAGTGTCCAATCTAGAAAGTACCTTATTGCATTTTTTCGACTTGGCAAGAAACAGTTCTCAA
 AAGAGGAAGGACTTTGATCATGTGATTTACTGAGTGGGAAGTGGCTCTACACATCTATGCAAGGAATTG
 CTTACCCAGGAGGGATATGTCAGACCCTTCGTTTCACTGAGTGTGTTAAGGATCTTCTGCCAGATGTAAA
 TATAATTGGCAACAGGATGGCACATCAGCTGGGACACAGCCTGGGCATGCGGCATGATGACTTTCCATGC
 ACCTGTCTTTGGGAAATGTGTGATGGTGCAGGAAGCATCCCTGCAATAAAATTCAGCAAACTCCGGAAG
 AAACCCAAATACCAGCAATTTCTGAAGAATCAGAAACCAGCATGCATACTCAACAACCCACTCCGGAAG
 ATTC AATGATTATCCGTTCTGTGGAAACAAGAAGGTGGATGAGGGAGAAGAGTGTGACTGTGGCCAGTT
 CAGGAATGCACCAATCCTTGCTGTGATGCACACAATGTGTCCTGAAGCCAGGATTCACTTGTGTAGAAG
 GAGAGTGTGTGAATCATGTGATGAAGAAGGAAGGGTTATATGCAGACCAGCAAGAATGAATGTGA
 TATTTTCGGAAGTGTGACTGGCTACTCCCTGAGTGTCTAAAGACGAGTCCCAAGCCAACGGGTTTCT
 TGCAAGAATGGAGAAGGCTACTGCTTTATGGGGCTGTGTCCACTCGGGATGACCAGTGCAGAGTTGT
 TCAGTGGTGGAGCTGAAGAGAGTACAGCCTTTGCTACAGGATGAATCAAAGGGAAACAGATTTGGATA
 CTGCAAAAATAAGGACAACACGTTTGTCCCTGTGAAGAGAAAGATCTCAAATGTGGAAAGATATACTGC
 ACCGGAGGCCGGCTTACGACACCTTGGAGAGGATAAAACCTATAACCTTAAGAATGTGAAGCAGATA
 TCTCCATCAAATGCAAAACCATGTTTTATACCACAATCTAGAGACATGGGCCTGGTGAATTCGGAAC
 AAAATGTGGTGAAGGAATGGTTTGCAGCAATGGCGAATGTATAGAAATGGAGAAGGCCTACAACCAACC
 ATCTGCTCTTCCCTGTGTGATGAAAATGATGTGGATGACAATGAACCTGACTGCCAGTGTGAAGAAGGAC
 CAATAATTACAGAGTGGGGAGAAGCCTTAAACCTTACCAGTGTCTCCATCATGGTCGTTGTGCTTGCAT
 GGTTATTATTGGTGTGGACTTGTCAATTAATAATCCGTTACCAGAAATGCATTAAGATGAAGCAAGTT
 CAAAGCTCTTAGAGAAATACGGGCATAGAGAATAAAGTATACTTTCTGATGAGCATCAGACGAGGA
 GTGAGCCAATCTTACAGATATCTATCCCTACATAATACGGCAGAGTCAATTGAAAGAGTTCTTCCAC
 CTTTTCAAGTCTCACTACATCACCTGAAATCTGTGAGCAAGGACCAAGAGGAATTCAGACCCCTAAG
 CAAAATGATAACATGAATTTGAACCTGGATAGCCAAAGCGACTGCACAAGACTGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_020301
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:	<ol style="list-style-type: none">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_020301.1 , NP_064697.1
RefSeq Size:	3586 bp
RefSeq ORF:	2370 bp
Locus ID:	29641
UniProt ID:	Q63180
Cytogenetics:	15p11
Gene Summary:	may become associated with or modify the mature sperm membrane [RGD, Feb 2006]