

Product datasheet for **RN202437**

Adamts1 (NM_024400) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts1 (NM_024400) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adamts1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202437 representing NM_024400
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCAGAAGTCCTTTGGGGTCAGGCAAGCTGAAGCCCTGCTCAGACATGGGGACATCCAGCGGG
 CAGCGAAGTTTCGGAGCTCTCAGTCTGCACACATGCTGTTGCTACTCCTCGCTTCCATAACAATGCTGCT
 ATGTGTGCGGGGCGCACCGGGCCCCACGGAGGAAGACGAGGAGCTGGTGCTGCCCTCCCTGGAGCGC
 GCCCGGGGCCACGGTTCCACCACACTCCTCCGTCTGGACGCCCTTGGTACGACAGTGCATCTGAAGTTGC
 AGCCAGACAGCGGTTTCTTAGCGCTGGCTTACCCTCCAGACGGTGGGGCGCAGTCTGGGTCCGAGGC
 ACAGCATCTGGACCCACTGGGGACCTGGCCACTGCTTCTACTCTGGCACGGTGAACGGTGACCCACGC
 TCCGCCCGCCCTCAGCCTCTGTGAAGGTGTGCGCGGTGCCTTCTACCTACAAGCGGAGGAGTTCTTCA
 TTCAGCCAGCGCCTGCGGTGGCCACCGAGCGCCTGGTCCCGCCGAACCGAAGGAGGAGTCAATCGCACC
 TCCGCGGTTCCACATCCTGAGGCGAAGGCGGGGGCAGCGGGCGCAAAGTGGCGTGCATGGACGAA
 GAGACCCTGCCAACCAGCAACTCGGGTCCGAAAAGCCAGAACACCCCGGACCAAGTGGCCTCTGCGGAACC
 CCACTCCTCAGGGCGCGGAAAGCCAACAGGACCAGGAAGCATAAGGAAGAAGCGATTTGTGTCCAGCCC
 CCGTTATGTGAAACCATGCTCGTGGCTGACCAAGTCCATGGCTGACTTCCACGGCAGCGGTCAAAGCAT
 TACCTTCAACCTGTTCTCGGTGGCAGCCAGATTTTACAAGCACCCAGCATTAGGAATCAATTAGTCT
 TGGTGGTGGTGAAGATCTTGGTCATATATGAGGAGCAGAAGGGACCGGAAGTTACTTCCAATGCCGCTCT
 CACCCTTAGGAATTTCTGAGCTGGCAGAAACAGCACACAGCCCAAGTACCGGGATCCAGAGCACTAT
 GACACAGCGATTCTGTTACCAGACAGGATTTATGTGGCTCCACACCTGTGACACTCTCGGGATGGCTG
 ATGTTGGAAGTGTATGTGACCCACAGGAGCTGTTCCGTCATCGAAGATGATGGTTTACAGGCTGCCTT
 CACCACAGCCCATGAATGGGCCATGTGTTTAAACATGCCACAGATGACGCCAAGCACTGCGCCAGCTTT
 AATGGCGTGAGTGGGATTCCCATCTGATGGCCTCGATGCTCTCCAGCTTGGACCACAGCCAGCCCTGGT
 CTCCTTGCAGTGCCTACATGGTCACATCATTCTGGACAACGGCCATGGGGAATGTTTATGAGCAAGCC
 GCAGAACCCAATCAAGCTCCCATCTGATCTTCCCGGTACCTTGTACGATGCCAACCGCCAGTGTGAGTTT
 ACCTTCCGGGAGGAATCCACGCACTGCCCTGATGCAGCCAGCACATGCAGTACCTGTGGTGCAGTGGCA
 CCTCCGGTGGCTTACTGGTGTGCCAAACAAAACACTTCCCTTGGGAGATGGCACCAGTGGGAGAAAGG
 GAAATGGTGTGTCAGCGCAAGTGTGTGAACAAGACCGACATGAAGCACTTTGCTACTCCTGTTTCATGGG
 AGCTGGGACCGTGGGACCATGGGAGACTGCTCAAGAACCTGTGGTGGAGGAGTTCAATATAACAATGA
 GAGAATGTGACAACCCGGTCCCAAAGAAGCGGGGGAAGTACTGCGAAGGCAAACGAGTCCGCTACAGGTC
 CTGTAACATTGAGGACTGTCCAGACAATAACGGAAAAACATTAGAGAGGAGCAATGCGAGGCGCACAAT
 GAGTTTTCCAAAGCTTCCCTTGGGAATGAACCCACGGTGGAAATGGACACCCAAGTATGCTGGCGTCTCGC
 CAAAGGACAGGTGCAAGCTTACCTGCGAAGCCAAAGGCATTGGCTACTTCTTTTACAGCCCAAGGT
 GGTAGATGGCACTCCCTGTAGTCCAGACTCTACTTCTGTCTGTGTGCAAGGACAGTGTGTGAAAGCTGGC
 TGTGATCGCATCATAGACTCCAAAAGAAGTTCGATAAGTGTGGCGTTTGTGGAGGAAATGGCTCCACGT
 GCAAGAAAATATCAGGAACGGTCACTAGTACAAGACCTGGGTATCATGACATTGTCACAATTCCTGCTGG
 AGCCACCAACATTGAAGTGAACATCGTAATCCAAGGGGTCCAGAAACAATGGCAGCTTCTGGCTATT
 AGAGCTGCAGATGGTACCTATATTCTGAATGAAACTTCACTCTGTCCACTCTAGAGCAAGACCTCACCT
 ACAAGGTAAGTCTTAAGATACAGTGGTCTCAGCAGCATTGAAAAGAAATCCGCACTTTAGTCCACT
 CAAAGAACCCTGACCATCCAGGTTCTTATGGTGGCCATGCTCTCCGACCCAAAATCAAGTACACCTAT
 TTTATGAAGAAGAAGACGGAGCCCTTCAACGCTATTCCACATTTTCCGAGTGGGTGATTGAAGAGTGGG
 GGGAGTGTCCAAGACATGTGGTCCGGTGGCAGAGGAGAGTGGTAGAGTGCAGAGACATTAATGGACA
 CCCTGCTTCTGAATGTGCCAAAGAAGTGAAGCCAGCCAGTACCAGACCTGTGCAGACCTCCTTGCCCA
 CGTTGGCAGGTGGGGATTGGTACCATGTTCTAAAACCTGTGGGAAGGGTTATAAGAAGAGAACCTTGA
 AATGTCTGTCCATGATGGCGGTGTGTTATCAAATGAGAGCTGTGATCCTTTGAAGAACCAAAGCATT
 CATTGACTTTTGCATACTGACACAGTGCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_024400
Insert Size:	2904 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_024400.2 , NP_077376.2
RefSeq Size:	4395 bp
RefSeq ORF:	2904 bp
Locus ID:	79252
Cytogenetics:	11q11
Gene Summary:	disintegrin and metalloprotease that may be necessary for normal kidney morphology and function [RGD, Feb 2006]