

Product datasheet for **RN204777**

Adamts3 (NM_001107212) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts3 (NM_001107212) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adamts3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204777 representing NM_001107212
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGTGTTCCTGTCACTTTGGTTGATAGCAGCCTCTCTGGTAGAGTTAGGACATCAGCTGATGGACAAG
 CTGGTGCCTGAAGAAATGGTACAAATAGATTTACCAACCAAGAGATACAGAGAGTATGAGCTGGTGACACC
 AGTTAGCACAAATCTAAAAGGACACTATCTTTCCCATATTCTTTCTGCAAATCACAAAAAGAGGTACCT
 AGGGACGTGTCATCCAACCTCAGAGCAATTGTTCTTCAACGTCACGGCATTGGGAGAGATTTTCATCTTC
 GACTAAGGCCAAACACTCACTTCATAGCTCCTGGGGCTGTGGTGGAAATGGCATGAGACAGCTCCAAGGCC
 TGGGAACACCCTGACCCAAGAAACAGCCGTCCACACAGAAGTTCTTCAAGAGGAGGCTGGAGATCAGAG
 CCTTTCAGACTAGCTGTGCGTATGTTGGTGACATCATGGATGTTCCAGGAACCTCTGTTGCCATTAGCA
 ACTGTGATGGTCTGGCTGGAATGATAAAGAGTGATAATGAAGAGTACTTCATTGAACCTTGGAGAGAGG
 GAAGCAGATGGATGAAGAAAATGGAAGGATTACATTGTCTACAAGAGATCAGCAATGGAGCGGGCTCCC
 AGAGATGTGTCTGAAGAGCTCTACTACAAGGAGTCAATCTGGAAGGCCTCGATGATCTAGGTACCGTTT
 ACAGCAACATTGGCCAGCAGCTGAATGAGACAACGCGGCCCGCAGACACGCGGGAGAGAACGATTACAA
 CATCGAGGTGCTTCTGGGAGTGGATGACTCTGTGGTCCGTTTCCATGGCAAAGAGCATGTCCAAAACCTAC
 CTCCTCACCTGATGAACATTGTAATGAAATCTATCACGATGAGTCCCTTGGAGTGCACATAAACGTGG
 TCCTGGTGCGAATGATTATGCTCGGTTACGCAAAGTCTATCAGCCTTATCGAAAGGGGAAACCCGTCAG
 GAGCCTGGAGAATGTGTGTCGCTGGGCTTGCCAGCAACAAAAATCCGATCCCAACCATGCTGAACACCAT
 GATCATGCAATTTTCTAACCAGGCAAGACTTTGGGCTGCTGGAATGCAAGGATATGCTCCCGTACAG
 GCATGTGTCAACCCAGTGAGAAGTTGCACCCTGAATCACGAAGATGGTTTTTTCATCTGCTTTGTAGTAGA
 CCATGAGACCGGCCATGTGTTGGGCATGGAGCATGACGGGCAAGGCAACCGGTGTGGCGATGAGACCGCC
 ATGGGCAGTGTCTGCGCCCTGGTGCAAGCTGCCTTTCATCGATACCACTGGTCCAGATGCACGGGTC
 AGGAACTGAAAAGATATATCCATTCTACGACTGTCTCCTTGATGACCCCTTTGAACACGATTGGCCCAA
 ACTCCCAGAACTCCGGGGATTAATTATCCATGGATGAGCAATGCCGTTTCGATTTTGGTGTGGCTAC
 AAAATGTGTACCGGTTCCGAACCTTTGACCCGTGCAAGCAGCTGTGGTGCAGTCAACCCGATAACCCAT
 ACTTCTGTAAGACTAAGAAGGGGCCCCACTCGATGGGACTGAGTGTGCTGCTGGGAAGTGGTGTATAA
 AGGACACTGCATGTGAAAAACGCTAACCAACAAAAGCAAGATGGCAACTGGGGGCTTGGACCAAAATTT
 GGCTCCTGTTCTAGGACGTGTGGAAGTGGTGTTCGTTTTAGAACACGCCAGTGAATAATCCACGCCCCA
 TCATGGTGGGACAGGACTGCCCTGGTGTAAATTTGAGTACCAGCTTTGTAAATACAGAAGATGCCAAAA
 GCACTTTGAGGACTTCAGGGCCAGCAGTGCCAACAGCGTAACTCACACTTTGACTACCAGAATACCAAAA
 CACCCTGGCTGCCGCATGAACACCCTGACTCCAAGAAAAGATGCCACCTGTACTGTCACTCCAAGAGA
 CCGGGGACGTTGCCATGAAACAACCTGGTGCATGACGGGACACGCTGCTCGTACAAAGACCCGTACAG
 CATATGTGTGCGAGGAGAGTGTGTGAAAGTTGGCTGTGATAAGGAAATCGGCTCCAACAAGTTGAGGAT
 AAGTGTGGGTCTGTGGAGGGGACAATCCCACTGTGCAACTGTGAAGGGGACATTTACCAGAACGCCCA
 GGAAACTTGGGTACCTTAAGATGTTTGATATCCCCCTGGGCTAGACATGTCTTAATCCAAGAAGACGA
 GGCTTCTCCTCATGTTCTTCCATTAAGAACCAAGCCACAGTCACTATTTAAATGGCAAAGGGGAG
 GAAGCCAAGTACGACCTTCATAGACCTTGGTGTGGAGTGGATTACAACATTGAAGATGACATTGAAA
 CTCTCCACACGGATGGGCCACTACACGACCCCGTTATTGTTCTGATCATACCTCAGGAGAACGACACGCG
 CTCTAGCCTGACGTATAAGTACATCATCCATGAAGACTCCGTGCCAACAAATCAACAGTAACAACGTCATC
 CAGGAGGAGCTGGACACCTTCGAGTGGGCGCTGAAGAGCTGGTCTCAGTGTCCAAACCTGTGGTGGAG
 GGTTCAGTATACGAAATACGGATGCCGAAGGAAAAGCGACAGTAAAATGGTTCACCGCAGCTTCTGTGA
 GGTCAATAAGAAGCCGAAACCCATCAGACGCATGTGCAACATTCAGGAGTGCACACACCCGCTTGTTCGG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001107212
Insert Size:	2733 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:	<u>NM_001107212.1</u> , <u>NP_001100682.1</u>
RefSeq Size:	4204 bp
RefSeq ORF:	2733 bp
Locus ID:	305253
Cytogenetics:	14p22