

Product datasheet for **RN204380**

Adamts12 (NM_001106420) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts12 (NM_001106420) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adamts12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204380 representing NM_001106420 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCATGTGCTCAGGGAACTGGATGGCAAAGCTCTCCATGGTGGCCAGCTTCTTAACCTTTGGGGCTT
TTTGCCATGGGAGACAAGCTCAGCCCTGGCCGGTTCGCTTCCAGACCCGAAGCAAGAACATTTTATCAA
GTCCCTGCCAGAATACCATAGTGAGTCTGCAAGTAGATGCCAGTGGCCACTTTCTGTCTATGGC
CTGCATCACCCCTGTCACTGGCAGCAGGAAGAAGAGCTGCAGGTGGTTCTGGGGACCAGGTGACTACA
GGATTTACACGAAGAAAAAACCTGTTTTCAATCTGACAGTCAACTGGGAATTTCTTTCCAATGGCTA
TGTCTGGAGAGGAGATATGGGAACCTTTCCCATGTGAAGATGGCGGCTTCTCAGGGCAGCCCTGCCAT
CTCAGGGGCACAGTTCTGCAACAGGGCCCCACAATCAGGATGGGGACAGCAGCTCTTAGTGCCTGCCAAG
GACTGACTGGATTTTCCATCTACCACATGGAGACTTTTTTATTGAGCCTGTTAAAAAGCATCCACTGAC
CGAGGAAGGTTACCAGCCTCATGTCATATACAGGAGGCAGAGCTACAGAGTTCAGAGACAAAGGAGCCC
ACCTGCGGATTAAGGACAGCCTTGATAACTCTGTGAAGCAAGAGCTCCAGCGGGAAGTGGGAGAGGA
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AGCTGACACGAAGATGGTAGAGTACCATGGAAGTGAGAAGTGGAGTCCGACATCCTCACTATCATGAAT
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AGAAAGGACATCTGTGCTGGTGTCAATCGCCCTTGTGAGACTCTGGGGCTGTCCAGCTGTCCAGGAATGT
GCCAGCCTCACAGGAGCTGTAACATCAACGAAGACTCCGGTCTCCCCCTGGCTTTACCATTGCGCATGA
ACTTGGGCACAGCTTCGGCATCCAACATGATGGGAAGGAAAAATGACTGTGAGCCCGTGGGCAGACACCCA
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AGCTGGATGCTGCTGCAGATGGGACAGTGTGGTGAAGAAGTGGTGTATGGCTGGAAAGTGTATCAC
AGTGGGAAGAAACCAGAGAGCATCCCTGGAGGCTGGGGACGCTGGTACCCTGGTCACTGTTTCGAGG



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ACATGTGGGGCAGGAGCTCAGAGCGCAGAGAGGCTCTGCAACAACCCAGAACCAAAGTTTGGAGGGAAAT
 ACTGCACCCGGAGAAAAGAAAACGCTATCGCTTATGCAATGTCCACCCTGCCGCTCAGACACTCCAACCTT
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 ACAGTGTGTGCATCCAGACCATGGGCTCTGATGAGCAGGCTCTCCAGCTACAGACTGCCAGCACCTGC
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 GAGTGAAGTGTCTGTTTCTGTGGTGGTGGAGTGCAGATTGCGAGTGTACATGTGCCAAGAACCTTAAT
 GAACCTGTGACAAGACACGAAACCCAACAGTCGAGCTCTGTGTGGCTCCAGCAGTGGCCATTGAGCC
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 GACTCCCCTCACTTCTGGTCTTGGAGTATGCAGCCTGATGAAAACGTTTCCAGTTCAGCTATAGGT
 CCAACTTCAGAGAGTGACTTTTGGGCAACCACAAGTGATTCTGGCTTATCATCTAGCAATGCTATGACTT
 GGCAGGTAACCTCAATTTATAGCACTGCGACCACAGAACCAGGAGTGGAGATACATAGTGGCTCAGGGGA
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 ACAACATCCCCAGAGAAGTTAGGAAACAATGACCAACTGGCATCAGCAAATAGTACAAATCCAACCCAAG
 GCTCTGGCCCTGTCTGACTGAGGAAGATGCCTCCACTCTGATTGAGGAGGGATTTTGGTAAATGCTTC
 CAATTACAAGCATCTCATGAAGGACCACAGCCCTGCACACTGGATTGTTGGAAATTTGGAGTAAATGCTCT
 ACCACCTGTGGGCTGGGGCCTACTGGAGGAGTGTGGAGTGTAGCACCGGGATGAACGCTGACTGCGCCG
 CCATTCAGAGGCCAGACCCTGCTAAGAAGTGCCACCTGCGCCCTGTGCTGGCTGGCGAGTGGGAAACTG
 GAGCAAGTGTCTCGAACTGCAGTGGAGGTTTCAAGATTCGTGAGGTTCAAGTGCATGGACGGCGTGGAC
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 CCTGCAACAGACACCTTGTGCTCACTGGGCCACTGGGAACTGGGAACTGTGCACCACTTCTGTGGTG
 GTGGCTCTCAGAAGAGGACCGTTTATTGCATCCCTTCAAAAAACAGTACAACCTGAAGATCAAGACCAGTG
 TTTCTGTGACCACCAAGCCAGACCCCAAGAAATCCAAAACCTGCAACCAGCAAGCCTGCCGGAAGAGTGT
 GATTTAACTTGCACGAAGGACAGACTTTCAACCAGCTTCTGCCAGACACTAAAAATCCATGAAGAAGTGT
 CGGTGCCATCAGTACGAGTCCAGTGTCTCTCGTGTCCACAGACACAGAGCATCCACACCCAGAGGCA
 AAGAAAACAGCAGATGCTCAAAATCATGACACGCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106420

Insert Size:	4800 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_001106420.3</u> , <u>NP_001099890.2</u>
RefSeq Size:	8571 bp
RefSeq ORF:	4800 bp
Locus ID:	294809
Cytogenetics:	2q16