

## Product datasheet for RN213932

### Adamts9 (NM\_001107877) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts9 (NM_001107877) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adamts9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213932 representing NM_001107877 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGTTAGTATCCTGGGCCACACTGCTAACGCTCCTGGTGCCGGACCTGGTTGAGATGAGGAGCCCCG  
ACTCCGCGGGCGCGTGC GCAAGGACAGGCTGCACCCGAGGCAAGTAAAATTATTAGAGAGTCTGAGCGA  
ATATGAGATCGCGTCTCCCATCCGAGTGAACCCCTCGGGGAACCCCTTCCCACGAACGTGCACTTCAA  
AGAAGCGACGAAGCATTAACTCTGCCTCTGACCCCTGGCCTGCCTTCGCTCCTCCTCGTCTCCT  
CTACCTTCCCAGGAGCATTACCGCCTCAAAGCCTTCGGCCAGCAGTTTCTATTTAATCTCACCGCCCA  
TACCGGATTTATCGCTCCACTGTTCACTGTCACCCCTCTTGAGAGCCAGGGGTGAACCACTCCAACCTG  
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CTGCGGTGATCAGCCTGTGCTCCGGAATGATGGGCACGTTCCGGTCTCACGATGGAGATTATTTATTGA  
ACCACTGCTGTCCGTGGATGAGCAAGAGGATGAGGAGGAACAGAAACCAACCCACGTCATTTATAGGCGC  
AACAAACCCTCAGAGGGAACCCCTCCACAGGAAAGCATGCCTGTGACACCTCAGAACTCAAAAATAGCTACA  
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GGGTATGGAGAGTGTGTTAAATGAACCTCAATCCAGGACCTATCCTTTGCCTTCCCAACTGCCCGGCC  
TTCTCTACAACGTGAATAACAATGTGAACCTGATTTTGGACCAGGCTCTCAAGTGTGCCATATATGCA



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CTGCAAGTTTGGATTCTGTGTTCCCAAAGAAATGGAGGGCCCTGCAATTGATGGATCCTGGGGAAGTTGG  
AGTCACTTTGGGGCTGCTCAAGAACATGTGGAGGAGGCATCAGAACAGCCATCAGAGAGTGCAACAGAC  
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TAAGCCACATGGGCACAGAAGGTGCCGAGGAGGACGGTGTCCCCGATGGAAGGCTGGCGCATGGAGTCAG  
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CAGACCGTGAAGCTGCAGCCTACAGCCCTGCGAGTACGTGTGGATCACAGGAGAATGGTCTGAGTGCTC  
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TACGAATACAGCTACCAAACCACAGTGAAGTGGCCAGGCACACAGCCTCCAGCGTCCATCCCTGCTACC  
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ATAAAGCCAGAAGAAAGAAAAACCTGTCACAATGTTTATAACTGTGAGTTACCCAGAACTGCAAGGAGG  
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ATTCTGTGCAAGGATGCATTCTGACTATCCAAGGAGTACGTGACGCTGGCCATGGTACTCGGAGAAC

TTCTCCGAAGTTTACGGGCACAGTTGCACAACCCAACAGAATGTCCCTATAACGGGAGCCGACGGGATG  
 ACTGCCATTGCCGGAAGGATTACACAGCTGCTGGCTTCTCCAGTTTCCAGAAAATCCGAATTGACCTGAC  
 CAGCATGCAGATCATAACCACTGACTTAGAGTTTGCAAGGACAAGTGAAGGGCATCCTGTTCTTTTGGC  
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 GGCTGTCTTAACCGAGTCTGCCAGATGGACATACAAGGGAATTATGCCGTTTCAGACATCAAGAAGTC  
 TCCGGTAAGGCTCTGTATTGCTTGGGGGATGGTTCTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001107877
- Insert Size:** 5643 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:** NM\_001107877.1, NP\_001101347.1
- RefSeq Size:** 7965 bp
- RefSeq ORF:** 5643 bp
- Locus ID:** 312566
- Cytogenetics:** 4q34