

Product datasheet for **RN202279**

Adamts7 (NM_001047101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts7 (NM_001047101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adamts7
Synonyms:	ADAMTS7B; COMPase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202279 representing NM_001047101 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCAGAAGAGGATATTGGGACTGAATCCTTTGGGGAAGAGGGAGAGAGAGGGCCCCAGAGTCCTGATG
AAATCATTTTCCAGCAGTGCAAATGTTTGCTCTACATATTCAGAGGAAGAGAAAGCAGTTAGGTGCCAG
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GGAATCAGAGAACTCTATCTCCAGGAAGAAACCGCTGCCAGTCTAGAAGGGCCTAGGCCTCTTCTGG
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AGGCTCCTTCTGTCTATGAGCTGTGGCACGGGTGCTGCGTAAGCGGGATGTGTCTGCTGCGCAGGCC
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TGTCCTCAACCTGCCATTTGCTTGGCGATGTCCAAGACCCAGAGCTGGAAGGTGGCTTTGCAGCCATCAGC
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TTCCAGCTCAGCCTGGACATGCCAGCCCCATATGGTGTACAAGCACAAACGCTCTGGGCAGCAGGATGA
CTCAAGGACTTCAGGCACCTGTGGGTGCAAGGGTCCCCAGAGCTGAAGCACCAGCGAGAACATTGGGAA
CAGCGGCAGCAGAAGCGGAGGCAGCAGCGATCAATCAGCAAAGAGAAGTGGGTGGAGACCCTGGTAGTGG
CTGATTCCAAGATGGTGGAGTACCACGGGCAGCCGAAGTGGAGAGCTATGTGCTGACGATCATGAACAT
GGTGGCTGGACTGTATCATGATCAAGCATTGGGAATCCATTACATCACCGTTGTGCGCCTTATTATA



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CTGGAAGACGAGGAGAAGGACTTAAAGATCACACACCATGCTGATGACACTCTGAAGAACTTCTGTAGGT
 GGCAGAAGAATGTCAACATGAAGGGGGATGACCACCCACAGCACCATGACACTGCCATCCTGCTTACCAG
 GAAGGATTTGTGTGCAACCATGAACCACCCCTGTGAAACCTTGGGCCTGTCTCACGTGGCTGGCTTGTGC
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 ACTCCATGGTCTGACAGGAACAAGCTTTCTAAAGATGGTAACCCCTTGGGTCTACATCACTTGCCCTTC
 CCAAGAGCCCTTTCCCCACCCAGCCCTCATCACCTCCAACAGTACTACCAAGCTTCTCTGAGTCTGA
 TGCAGTAGAGGTGTGACAGGATGGAATGTGGCCTTGACCCCTGTGCTAGAGGCTGACCTGAAGCCTGTA
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 TGTGTGGACACACGGGATCTCCGGCCATTGCGGCCCTTTCACTGCCAGCCCGGGCCTACCAAGCCACCCA
 CCCGTGAGCTTTGTGGGACCAACCTTGCTCCCTGGTACACCTCCTCTGGAGAGAGTGTCTGAGGC
 TTGTGGTGGTGGCGAACAGCAGCGTCTGGTGACTTGTCCAGAGCCAGGCCTCTGTGAGGAGTGTGAGAG
 CCCAACACACAGGCCCTGCAACACCCACCCCTGCACACAGTGGGTGGTAGGGCCTGGGGTCACTGCT

CAGCCCCCTGTGGTGGTGGTGTTCAGCGGCGTCTGGTCAAGTGTGTGAACACTCAGACAGGCTTGGCAGA
GGAAGACAGTGACCTGTGTAGCCATGAGGCCTGGCCTGAGAGCTCACGGCCATGTGCCACTGAGGACTGT
GAACTGGTTGAACCTCACGTTGTGAGCGGGATCGCCTGCCCTTCAATTTCTGTGAGACGCTGCGTCTGT
TGGGCCGCTGCCAGCTGCCACCATCCGCGCTCAGTGCTGCCGCTCATGTCCCCACTCAGCCGCGGTGT
CCCTTCCCGAGGCCATCAACGGGTGGCCAGACGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001047101
Insert Size:	5427 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:	<u>NM_001047101.1, NP_001040566.1</u>
RefSeq Size:	5664 bp
RefSeq ORF:	5427 bp
Locus ID:	315879
UniProt ID:	<u>Q1EHB3</u>
Cytogenetics:	8q31
Gene Summary:	Metalloprotease that may play a role in the degradation of COMP.[UniProtKB/Swiss-Prot Function]