

Product datasheet for **MC222810**

Adamts15 (NM_001024139) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adamts15 (NM_001024139) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adamts15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222810 representing NM_001024139
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCTACTGGGCATCTCAATCCTGGCTCTCGCTGGCGACCTGCTGGCAGCTCCGAGCCAGAGTGGG
 AGGTGGTCTTCCAATCCGACGGGACCCGGACATCAATGGCCGCACTACTACAGGAGGGGTACGGAGGA
 CTCGGGGGATCAGGGTCTCATTTTTAGATCACAGCTTTTCAGCAGGACTTTTATCTACACCTGACGCCA
 GATGCCAGTTCTCTGGCTCCCGCTTTGCTACTGAGTATCTAGGTGTCCCGCTGCAGAGGCTCACTGGCA
 GCTCTCTAGACCTGCGACGCTGCTTCTATTCCGGGTATGTGAACGCGGAGCCAGACTCCTTTGCTGCTGT
 GAGCCTATGCGGGGTCTCCGCGGAGCCTTTGGCTACCGAGGTGCGGAGTATGTCATTAGCCCTCTGCC
 AACACCAGCGCGCAGAGGGCGACGCTCACAGCCAGGGCGCACACCTTCTCCAGCGCCGGGTGCTCCTG
 TAGGGCTTCCGGAGACCCACCTCTCGTTGCGGGGTGGCTCGGGCTGGAACCCCGCCATCCTGAGGGC
 TCTGGACCCTTAAGCCACGGCGGACGGGCGCGGGGAGAGCCACAACCGCCGAGGTCTGGGCGCGCC
 AAGCGCTTCGTGTCTATACCACGGTACGTGGAGACACTGGTGGTGGCGGACGAGTCAATGGTCAAGTTTC
 ACGGCGCGGATTTGGAACATTATCTACTGACGCTGCTGGCCACGGCGCGCGACTCTACCGCCACCCAG
 CATCCTCAACCCTATCAACATCGTGGTGGTCAAGGTGCTACTCTTAGGAGATCGTGACACTGGGCCAAAG
 GTCACAGGCAACGCGGCCCTGACTCTGCGCAACTTCTGTGCTGGCAGAAAAAGCTGAACAAAGTGAAGCG
 ATAAGCACCTGAGTACTGGGACACAGCCATCCTCTTACCAGACAGGACCTATGCGGGGTACCCCTG
 TGACACCTTGGGTATGGCTGATGGGACCATGTGTGACCCCAAGAGAAGCTGCTCTGTATTGAGGAC
 GATGGGCTTCCATCAGCCTTACCAGTCCCATGAGCTGGGCCATGTGTTCAACATGCCCATGACAACG
 TGAAGGTGTGTGAGGAGGTGTTTGGGAAGCTCAGAGCCAACACATGATGTCTCCGACCCATCCAGAT
 TGACCGTGCCAACCCCTGGTCAGCCTGCAGCGCTGCCATTATTACTGACTTCTGGATAGTGGGCATGGT
 GACTGCCTCCTGGACCAGCCAGCAAGCCATCACCTGCCTGAGGACCTGCCGGGCACAAGCTACAGTT
 TGAGCCAGCAGTGCAGCTGGCCTTTGGGGTGGGCTCTAAGCCCTGCCATATATGCAGTACTGTACAAA
 GCTGTGGTGCAGTGGCAAGGCCAAGGGGAGATGGTGTGCCAGACTCGCCACTTCCCCTGGGAGATGGC
 ACCAGCTGTGGGAAGGCAAGTTCTGCCTCAAGGGAGCCTGCGTGGAGAGACACAACCCAAACAAGTACC
 GGGTGGACGGCTCTTGGCCAAGTGGGAGCCCTACGGTTCCTGCTCCCGCACCTGCGGTGGGGGCGTGCA
 GCTGGCCCGGAGGCAAGTGCAGCAACCCTACCCCTGCCAACGGTGGAAAAACTGCGAGGGAGTAAGAGTG
 AAATACCGATCTTGAACCTTGGAGCCCTGCCCCAGCTCAGCCTCTGGCAAGAGCTCCGGGAAGAGCAAT
 GTGAAGCTTTCAATGGCTACAACCACAGACCAACCGGCTCACTTAGCTGTGGCATGGGTACCCAAAGTA
 CTCAGGCGTGTACACCGTGCAGCAAGTGTAAAGTCACTGCGGAGCCAATGGGACTGGCTACTTCTATGTA
 CTAGCACCTAAGGTGGTGGATGGTACGCTGTGTACTCCTGACTCCACCTCGGTCTGTGTCCAAGGCAAGT
 GCATCAAGGCTGGCTGCGACGGGAATCTGGGCTCCAAGAAGAAATTTGACAAATGTGGTGTGTGGTGG
 AGACAATAAGAGCTGTAAGAGGGTGACAGGACTTTCACCAAGCCTATGCACGGCTACAATTTTGTAGTG
 GCCATCCCTGCCGGCGCCTCCAGCATTGATATCCGTGAGCGTGGTTACAAGGGGCTCATTGGAGATGACA
 ACTACCTGGCTTTGAAGAACAGCCAAGGCAAATACCTGCTCAATGGGCACTTTGTGGTATCCGCTGTAGA
 GCGGGACCTGGTGGTAAAAGGCAGTGTGCTACGCTATAGTGGCACTGGCACTGCAGTGGAGAGCCTGCAG
 GCTTCTCGACCCATCCTGGAGCCACTCACCGTGGAGGTCCTGTCCGGTGGGGAAGATGACACCGCCCGTG
 TCGGTTATTCTTTCTACCTGCCAAAGAACCTCGGGAGGACAAGTCCACTCGCCCCAAGGACCCTCGAGG
 TTCCCCTGTTGCGCAACAGTGTCTCAGCCTTTCCAACCAAGTAGAGCAGCCAGATAACAGACCTCCT
 GCGCGCTGGTGGCAGGCAGCTGGGACCTTGCTCAGTGAAGTGTGGCAGTGGCTACAGAAGCGGAGCAG
 TGGACTGCCGGGACTCCCAGGGCAGCAAGGAGCCTCTGCTTGTGATGTAGACCATCGGCCATTGGAGAA
 GCGAGCCTGTGGGAACCCTGCCAACTGGGAGCTCGGCAACTGGTCCCGCTGTTCTAAAAGCTGTGGC
 CGTGGATTTAAGAGGCGTCCGCTCAAGTGTGTGGCCACGGAGGCAGGCTGCTGGCTCGGGACCAGTGTG
 ACTTACCGCGCAAGCCCAAGGAATTAGACTTCTGCGTCTTGAGACCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_001024139
Insert Size:	2853 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_001024139.1</u> , <u>NP_001019310.1</u>
RefSeq Size:	5946 bp
RefSeq ORF:	2853 bp
Locus ID:	235130
UniProt ID:	<u>P59384</u>
Cytogenetics:	9 A4
Gene Summary:	<p>This gene encodes a member of "a disintegrin and metalloproteinase with thrombospondin motifs" (ADAMTS) family of multi-domain matrix-associated metalloendopeptidases that have diverse roles in tissue morphogenesis and pathophysiological remodeling, in inflammation and in vascular biology. The encoded preproprotein undergoes proteolytic processing to generate an active versicanase enzyme. This gene is located adjacent to a related ADAMTS gene (Adamts8) on chromosome 9. [provided by RefSeq, Jul 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).</p>