

Product datasheet for **SC125259**

ADAMTS15 (NM_139055) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTS15 (NM_139055) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTS15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_139055, the custom clone sequence may differ by one or more nucleotides

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ATGCTTCTGCTGGGCATCCTAACCTGGCTTTCGCCGGGCGAACCGCTGGAGGCTCTGAGCCAGAGCGGG
AGGTAGTCGTTCCCATCCGACTGGACCCGGACATTAACGGCCCGCTACTACTGGCGGGTCCCAGGGA
CTCCGGGGATCAGGGACTCATTTTTAGATCACAGCATTTAGAGGACTTTTACCTACACCTGACGCCG
GATGCTCAGTTCTTGGCTCCCGCTTCCACTGAGCATCTGGGCGTCCCCTCCAGGGGCTCACCAGGGG
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GAGCCTGTGCGGGGGGCTCCGCGGAGCCTTTGGCTACCGAGGCGCCGAGTATGTCATTAGCCCGCTGCC
AATGCTAGCGCGCCGGCGCGCAGCGCAACAGCCAGGGCGCACACCTTCTCCAGCGCCGGGTGTTCCGG
GCGGGCCTTCCGAGACCCACCTCTCGCTGCGGGGTGGCCTCGGGTGGAAACCCGCCATCTACGGGC
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ACGGCGCGGACCTGGAACATTATCTGCTGACGCTGCTGGCAACGGCGGCGGACTCTACGCCATCCAG
CATCTCAACCCCATCAACATCGTTGTGGTCAAGGTGCTGCTTCTTAGAGATCGTGACTCCGGGCCAAG
GTCACCGCAATGCGGCCCTGACGCTGCGCAACTTCTGTGCTGGCAGAAGAAGCTGAACAAAGTGAGTG
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GGGTGGATGGTTCCTGGGCCAAATGGGATCCCTATGGCCCTGCTCGCGCACATGTGGTGGGGCGTGCA
GCTGGCCAGGAGGAGTGCACCAACCCACCCCTGCCAACGGGGCAAGTACTGCGAGGGAGTGAGGGTG
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GTGAGGCTTCAACGGCTACAACCACAGCACCAACCGGCTCACTCTCGCCGTGGCATGGGTGCCAAGTA
CTCCGGCGTGTCTCCCCGGGACAAGTGAAGCTCATCTGCCGAGCCAATGGCACTGGCTACTTCTATGTG
CTGGCACCAAGGTGGTGGACGGCAGCTGTGCTCCTGACTCCACCTCCGTCTGTGTCCAAGGCAAGT
GCATCAAGGCTGGCTGTGATGGGAACCTGGGCTCCAAGAAGAGATTGCAAGTGTGGGGTGTGTGGGGG
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GCACGCTGGTGGCTGGCAGCTGGGGCCGTGCTCCGCGAGCTGCGGAGTGGCCTGCAGAAGCGGGCGG
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ACAAGCTGCGGGGAGCCCTGCCACCTGGGAGCTCAGCGCCTGGTACCCTGCTCCAAGAGCTGCGGC
CGGGGATTTAGAGGCGCTCACTCAAGTGTGTGGGCCACGGAGCCGGCTGCTGGCCGGGACCAGTGCA
ACTTGACCGCAAGCCCCAGGAGCTGGACTTCTGCGTCTGAGGCCGTGCTGA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_139055 unedited TCGCTTTTGAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGTTGCGAGAA GCCGCCCGGCACCTTCCGCTAGTTCTCGGCTGCAAATCTTCGTCCTTGCACTTGACAGCG ATTGTACTTAAGCTCCCAGGGCGCGCTTTGCTTGGAAAGGCACAGGTAGGAAGCGCGGGC TGCCGGGTGCACGCTCGCCGCCCTGGGAGGAGTCTCCCTCCCTTGGCTCTCCTTTCTGGG AACTGCCGGCTGTCCCGTAGCGTTGGCGGTTCCAGAGTGCAGGCTGCACGGAGACCGCGG CAGCGGCCGGAGAGCCCGGCCAGCCCCCTCCACAGCGCGGCGGTGCGCTGCCCGGCGC CATGCTTCTGCTGGGCATCCTAACCCCTGGCTTTTCGCCGGGCAACCGCTGGAGGCTCTGA GCCAGAGCGGGAGGTAGTCGTTCCCATCCGACTGGACCCGGACATTAACGGCCGCCGCTA CTACTGGCGGGTCCCGAGGACTCCGGGATCAGGGACTCATTTTTTCAGATCACAGCATT TCAGGAGGACTTTTACCTACACCTGACGCCGATGCTCAATTCTTGGCTCCCGCCTTCTC CACTGAGCATTCTGGCGTCCCCTCCAGGGGCTCAACGGGGGCTCTTCAGACCTGCGACG CTGCTTCTATTCTGGGGACGTGAACGCCGAGCCGACTCGTTCCTGCTGTGAGCCCTGT GGCGGGGCTCCGCGAACCCCTTGGCTACCCAGGCCCCAGTATTGTATTACCCCTTC CCAN
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_139055 unedited CTGCGTGGCACTCCCGCCAGGAGAGGCACTGGGGAGGGGTACAGGGATGCCACCCGG GATCTGTTTAGAAACAGCTATGACCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTT TT TAGGGAAAGGGTGGGGGCCCTAACAGCCAGTCCCTTGTACCAGTTTACCCAGCC CAGCCCCCCCCAGTCTTCCATCCTTTGACGTACCTGGGGGGCAAAAAACCCAACC CACCGGCGGGGGGGGGGCTCTCCCATGGGTGTAGGGTTTAGGGCTTCCGGGGCCAA CTGCCCGGCTTGGGACCCTCAAGTCCCTCAAAGTGGTATTAGCTCCTGCCAAACCCCT CCAGCATGTTGGGGTTTATATGAAAGTGTGGGGCAAACCTCCAATCATTGCCCCCC ATGGGCAAAGGAGGCTTGGGAATCCTGACCCCAAAGCTGTTTTGGTCCCTCCCCC AAGTTGTTGGGGCTTTAAAACGTTCTTTTTTTGGGTAACCTGAAAAACCCCTTAA TTTACCCATACCAAAAACCTGGGCCTGGGTCTAGTCTTTGCTCACCCCTCGAAAGCA TGGTTGGATTAAGGAAATAGTCAAAGGCCAGCCAGACAAACTCCCTAGGTTGGCTTGGTC ATGCGTCTTTAAAAGGGAAAGAAGAAAACCCCCACCGATTAACCCCGAGGCCGG
Restriction Sites:	Please inquire
ACCN:	NM_139055
Insert Size:	6000 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: [NM_139055.1](#), [NP_620686.1](#)

RefSeq Size: 2853 bp

RefSeq ORF: 2853 bp

Locus ID: 170689

UniProt ID: [Q8TE58](#)

Cytogenetics: 11q24.3

Protein Families: Druggable Genome, Protease, Secreted Protein

Gene Summary: This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. ADAMTS family members share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which may play a role in versican processing during skeletal muscle development. This gene may function as a tumor suppressor in colorectal and breast cancers. [provided by RefSeq, May 2016]