

Product datasheet for **SC126126**

ADAMTS12 (BC058841) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMTS12 (BC058841) Human Untagged Clone
Tag:	Tag Free
Symbol:	ADAMTS12
Synonyms:	ADAM metalloproteinase with thrombospondin type 1 motif, 12; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 12; PRO4389
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC058841 edited GGGGGCTAAAAAAGCACAGGGAGATCGCGGGCAGCTTTGCAGTCGCTGCCTTCTCGCGC CTGACCATGCACCCCTGCATCTTCCTGCTGGGCCACAGGCGAGCGCTTTATTTCTGGAGC TGAGGGCTAAAACTTTTTGACTTTTTCTCTCCTCAACATCTGAATCATGCCATGTGCC AGAGGAGCTGGCTTGCAAACCTTTCCGTGGTGGCTCAGTCCTTAACTTTGGGGCGCTTT GCTATGGGAGACAGCCTCAGCCAGGCCCGTTTCGCTTCCCGGACAGGAGCAAGAGCATT TTATCAAGGGCCTGCCAGAATACCACGTGGTGGGTCCAGTCCGAGTAGATGCCAGTGGGC ATTTTTGTGCATATGGCTTGCACTATCCCATCACGAGCAGCAGGAGGAAGAGAGATTTGG ATGGCTCAGAGGACTGGGTGACTACAGAATTTCTCACGAGGAGAAGGACCTGTTTTTTA ACTTGACGGTCAATCAAGGATTTCTTTCCAATAGCTACATCATGGAGAAGAGATATGGGA ACCTCTCCCATGTTAAGATGATGGCTTCTCAGCCCCCTCTGCCATCTCAGTGGCACGG TTCTACAGCAGGGCACCAGAGTTGGGACGGCAGCCCTCAGTGCCTGCCATGGACTGACTG GATTTTTCCAACCTACCACATGGAGACTTTTTTCATTGAACCGTGAAGAAGCATCCACTGG TTGAGGGAGGGTACCACCCGCACATCGTTTACAGGAGGCAGAAAGTTCCAGAAACCAAGG AGCCAACCTGTGGATTAAGGGTATTGTGACTCACATGTCCTCCTGGGTTGAAGAATCTG TTTTGTCTTTTGGTAGTTTTATTAACATGACCTATTCTTACTCAAAAATAAAAAA AAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC058841 unedited GGTGCAGGATTTTGTAAACGCACTCACTATAGGCGGCGCGCAATTCGCCATTACGGCC GGGGGCTTAAAAACACAGGAGATCGCGGGCAGCTTTGCAGTCGCTGCCTTCTCGCGCCT GACCATGCACCCCTGCATCTTCTGCTGGGCCACAGGCGAGCGCTTTATTTCTGGAGCTG AGGGCTAAACTTTTTGACTTTTCTTCTCCTCAACATCTGAATCATGCCATGTGCCAG AGGAGCTGGCTTGCAAACCTTTCCGTGGTGGCTCAGCTCCTTAACTTTGGGGCGCTTTC TATGGGAGACAGCCTCAGCCAGGCCGTTTCGCTTCCCGGACAGGAGGCAAGAGCATTTT ATCAAGGGCCTGCCAGAATACCACGTGGTGGTCCAGTCCGAGTAGATGCCAGTGGGCAT TTTTTGTCAATGGCTTGCATATCCCATCACGAGCAGCAGGAGGAAGAGAGATTTGGAT GGCTCANAGGACTGGGTGTACTACAGAATTTCTCACGAGGAGAAGGACCTGTTTTTAAC TTGACGGTCAATCAAGGATTTCTTTCCAATAGCTACATCATGGAGAAGAGATATGGGAAC CTCTCCCATGTTAAGATGATGGCTTCTCTGCCCCCTCTGCCATCTCAGTGGCACGGTT CTACAGCAGGGCACCAGAGTTGGGACGGCAGCCCTCANTGCCTGCCATGGACTGACTGGA TTTTTCCAACACCACATGGAGACTTTTTTCAATTGGACCCGTGAAGAAGCTCCACTGGTTG AGGGAGGGTACCACCGCACATCGTTTACGGAGGCANAAAGTTCCANAACCCAGGGCCAAC TGTGGATAAAGGGGATTGTGACTCCATGTGCTNCTGGGTGAAAAATCTGTTTGGTCTTTT GTAGTTTATAAACATGACTATCCTTACTCAAATAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	BC058841
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>BC058841.1</u> , <u>AAH58841.1</u>
RefSeq Size:	914 bp
Locus ID:	81792
Cytogenetics:	5p13.3-p13.2
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS-1) motif. Individual members of this family differ in the number of C-terminal TS-1 motifs, and some have unique C-terminal domains. The enzyme encoded by this gene contains eight TS-1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion. [provided by RefSeq, Jul 2008]