

Product datasheet for **SC214910**

ADAMTS9 (NM_182920) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	ADAMTS9
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_182920
Insert Size:	1503 bp



Insert Sequence:

>SC214910 3'UTR clone of NM_182920

The sequence shown below is from the reference sequence of NM_182920. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GGTACTGGCCTGGAGGTGCGAGTTTATAGCTAAGGTGCTTTGAAGAGGAAGCCATTATGGATGGATGA
AGGATAGTAATGCAATACCTCCACCTTAATTTGGGTGCATGTGTATGTGTGTGTGTGTGTGTGTGTGTGAC
TTGTATGCTTGTGTGTGTAATGTGTGTACATATACATATATACATATCTACACATACATATATACACA
TATATGTGTGTATGTAGATATGTAGACTATCCTAATGATGTAAGTTTAAATTTATGTTTGAAATTAT
TTATTGTGATGTAATATTTTTGTACGTAAATGATTCTATTATGACTGCCTTTGCATGTAGTAATATGA
CAAAGTGATCCTTCATTATCACGGTACACTATTGTTTACTTTTCATCTGTAAATGTTTATTGTTACTT
TTTTAAATGAATTTTTTAAACAATCTAGCCATCATCAAGGTGCTATAAGAGTTGTATAAAGATAT
TTTTGGCATTCTAGGCAAGTATCAGCCAATAAGTATGTTAGTGATATCACAGATTGTACCAACTATTA
ACTATGTTAAATAAGTATTCAGTTTCATGTGATCTCTGGGAAAAAATATGCTGCCTTGGTGCTAATAT
TGTATGTATTTAAATGATCATCCGACTCAGAAATATAAACACTTTTAAATGAAAGGGAGGAACGGAAGGA
CAATTTCCAGTGACAGAAATCACTTGGATGAAATAAGACCAGCTCTTACCCTATTTTTGGATATGCC
TTTTTGGAGAGACTTAGACTTTATCCTTATTGTTGTTAGTGTGTTAATATTCGTTGCTTCAGCCCA
CGGTGCCTTGGTCTCTCCACAATCAAATGGAGGATCCCCAAGCAGCTTCATTACAGAGTGATATTGGG
AAAGTGAGATCCTCTACCATTTTGCCAAGATACTCTAAATGACATCCAAGTTTACCAGTAGAAAAGAC
ACAGGATGCACAGAAATGGGCATGACCTTCAGCTCACGAGCACACCTGGAGAAATTCAGAACCAGTTCT
GAATCATCACGATTGCCTTTTGCATGAAAACATCGGCTGGTGATGTGACTTCTCTTCAGGCCATGAGCC
TAACACCCTGCCGGTTTTTCATGCCCGCTGCAGTAATGGACGTTTGTGTAAGAAATGAACTGTGGAGTA
CAAAATGCTTTGAGTCTTTCCGATTGCTCATTAAATCACTTTTTTGTACTTCTTTCCAAAATGGAAGT
GCTGAAGCCATGGTCTTTCTGCCCCCCTCAAGCTGATGAAGGGAAGCCTTTGCCAATGGCCCATGGAAGA
CACTTGGTTTGAGAAACCCTGCCACTTCCAAAGACCAAGAGATTAGGAAAAGCCTGGCAGTATTCTC
CAACTCCAAACAAGCTCTAGAGTGCTCCAGGAAAAGTTATATTCAGTATATGAATAAGTGTTATTCTCC
ATTATTAATGTGTTCTGAAAATATATTATGAATAAATACATCACCAACCCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_182920.2](#)

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) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. Members of the ADAMTS family have been implicated in the cleavage of proteoglycans, the control of organ shape during development, and the inhibition of angiogenesis. This gene is localized to chromosome 3p14.3-p14.2, an area known to be lost in hereditary renal tumors. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. [provided by RefSeq, Jan 2016]

Locus ID:

56999

MW:

58.3