

Product datasheet for **SC216732**

ADAMTS18 (NM_199355) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ADAMTS18 (NM_199355) Human 3' UTR Clone
Symbol:	ADAMTS18
Synonyms:	ADAMTS21; KNO2; MMCAAT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_199355
Insert Size:	1858 bp



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Insert Sequence: >SC216732 3'UTR clone of NM_199355
The sequence shown below is from the reference sequence of NM_199355. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCTGCAAGTCATGCACAAGGAAGATCTGATCTTGGTGTCTCCCGAGCACCTTAGGGCCAGGGGCTTA
CCTTTCAACCTCTAGAGAGACCAGCTGCCTTTGAGACCAGGAGCTGAGCACCGAGAACCATCTGTGAGC
TGCCGCTGTGATGAAGGAGCCTGCTCTGAGGAACAGACAGGTTGCCAGTAGGCTTCTAGCTCAATTCCC
TGAAGCACGTGGTACTCTGAAGCACTTGAAAAATGGGAAGCGATGACAAATCTGACTTTAAAAAAATCT
TTGATTGCACTGTTATATGCAAGAAGTGGTGAATCACACTGAGTACGTCGATTGGGGAGAGACCCC
CTTTTGAACCTTCAAAGGGTTCAAGGGCAAAGACATCTGTTTTAAAAGGTCCTTTATGACTTCAGGTCA
AAGACTGAGACTCAGAACTTTCAAATCTGGATGGAATACCTTGCCTAACTGTTGCGTGGAGTTCACAGT
TCGACTAACCCCTGTGAACACCCCAAGCCAGGAGTTCTATGAGAAGCCAAATGGTGCTCGCAATTGTGCTT
GCTGCTGGACTGGCAAGCTTCATGTTATGTTTATTTGGTGTGCGTGTGCTTTATTTTGTGTAAC
TATATTCTGCTTAGAGAGTCTCTGAGACTAAAATTGACAACTTGAAAAGTATTCCAAGGAATATTAT
GAAAAATAGGGCAACATGGACTGTTTAAGATCTCCATGTAATTGAAATTCATGCAAGGAAACAACTCATA
GAAAAGATAAATATGGATGCCCTTCACATGTTATCAACCTCGTAACCTTTTGGTGTGCTGTAATCAGTC
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TACTACCAGAGCTGCTTGGAAAATTAAGGCCACTTGTGGCTTTTCTACCAACTGATACGTTTAAAT
TTGCCCTAGGATTGAGCTAACAGCAAAAAAAAAAAAAAAAAAGAGAGAAAGAAAGGAGTAAACAGTG
GTAATAAAAAAAAAATCCATCTGTCTTCTTGCTATGTTAATATTAATAATCATAATATGACAAGACCCCTCA
CTGAATAAGAGTATTTTCACTCATCAGAAAGCCAGCTGTTGGTAGGCATTAATGAGTTTAAAAATTGTCT
CAATTGAAAAACATCACACTATTTTGCCAAAACCAAAGTAATTATAATACTGTGCTCCTCTGTAATTT
TTTGAGAAGTGGTTATAAAGGGCATATTTACATAAATTCTACTTTATTCCTCAACTTCTTTGATGAATG
TAACCCAATTTTACTTCTTTAAAAAGTCTCAATTCAAGCTGGATTAGCCAGCTCAGCATAATCAACTAG
ACAGTGGTTTGTAAATTTAGCAGCATACTTCGTTCCATTCTAATTAAGTCATGAGTTCTTGAATCC
CAGAGAAATAATGCTTAGGAATCTCTCAATCTGCTTGGCTTGGCTAGAGAAGTGCCATTTTATCA
ACAGGAAAAAAAAAAATTTCTCTACTACAACCCCGTTGCCTTCTGAAAAACAGCAAGTTATTTCTTTA
TATAATTATCATTTTATTATTTTATGAAAAATTAATTTATTAATTAATAGCCTATTATGTGTTCTCACT
TGCTTCTCTAAGTAATATTTTGAGATAAAATGTTGAATAAAACCATGGATTATAGAGAAAAGTCAAAAT
ATATGTGTAATATTTAATTATTTTATAAGTTTTATAATAAAGTATTCCATTTCTTTATCTTTGA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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.

RefSeq: [NM_199355.4](#)

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 protein, which may regulate hemostatic balance and function as a tumor suppressor. Mutations in this gene may be associated with microcornea, myopic chorioretinal atrophy, and telecanthus (MMCAT) and cone-rod dystrophy in human patients. [provided by RefSeq, May 2016]

Locus ID:

170692

MW:

71.7