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Product datasheet for RN217477

Adamts10 (NM_001271445) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Adamts10 (NM_001271445) Rat Untagged Clone

Tag: Tag Free

Symbol: Adamts10

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN217477 representing NM_001271445
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTCTGCCTGCCAGATCCTCCGCTGGGCCCTTGCCCTGGGGCTGGGCCTCACATTCAAGGTCACGC
ATGCCTTCAGATCTCAAGATGAGCTCCTGTCCAGTTTGGAGAGCTATGAGATTGCCTTCCCAACTCGAGT
GGACCACAACGGGGCAATGCTGGCCTTCTCACCACCTGCCCTCCGGAGGCAGCGTCGGGGTGTAGGGGCT
GCAGCTGAGTCCCGTCTATTCTACAAGGTGGCCGCACCCAGCACTCACTTCCTGCTGAACCTGACCCGCA
GCCCCCGTCTCCTGGCAGGGCACGTCTCGGTGGAATACTGGACACGGGAAGGCCTAGCCTGGCAGAGGGC
TGCCCGGGCCCACTGCCTCTACGCTGGCCACTTGCAAGGCCAGGCTGGTAGCTCCCATGTGGCCATCAGC
ACCTGTGGGGGCCTGCATGGCCTGATTGTGGCAGATGACGAAGAGTACCTGATTGAGCCCCTGCAAGGTG
GACCCAAAGGTCGCCGTGGCCCAGAAGAGAGTGGCCCCCACGTAGTATACAAGCGTTCCTCTCTGCGTCA
CCCCCATCTGGACACAGCCTGTGGAGTGAGAGATGAGAAACCATGGAAGGGTCGTCCATGGTGGTTGCGC
ACCCTGAAGCCACCGCCTGCCAGGCCCCAGGGGAATGAAACTGAGCGAGGCCAGCTGGGCCTGAAGCGAT
CAGTCAGCCGAGAGCGCTATGTGGAGACCCTGGTGGTGGCCGACAAGATGATGGTGGCCTACCATGGGCG
GAGAGATGTGGAGCAATATGTGTTGGCCATCATGAATATTGTTGCCAAACTTTTCCAGGACTCGAGTCTG
GGAAACATCGTCAACATCCTCGTCACTCGCCTTATCCTGCTCACAGAGGACCAGCCCACCCTGGAGATCA
CCCATCATGCTGGGAAGTCACTGGACAGCTTCTGTAAGTGGCAGAAATCAATCGTGAGCCACAGTGGCCA
TGGCAACGCCATCCCAGAGAACGGTGTGGCAAACCATGACACAGCTGTGCTCATCACACGCTATGACATC
TGCATCTACAAGAACAAACCCTGCGGCACTCTAGGCCTGGCCCCTGTGGGTGGAATGTGTGAGCGTGAGA
GGAGCTGCAGCATCAATGAAGATATTGGCCTGGCCACAGCTTTCACCATTGCCCACGAGATCGGGCACAC
ATTCGGCATGAACCACGATGGTGTGGGAAACGGCTGCGGGGCTCGAGGTCAGGACCCTGCAAAGCTCATG
GCTGCCCATATCACCATGAAGACTAATCCATTCGTGTGGTCATCATGCAGTCGAGATTACATCACCAGCT
TTCTGGACTCAGGCCTGGGGCTTTGCTTGAACAACCGGCCTCCCAGACAGGACTTCGTGTACCCAACGGT
GGCTCCTGGCCAGGCCTATGATGCTGATGAGCAGTGCCGATTCCAGCATGGAGTCAAATCGCGTCAGTGT
AAATACGGGGAGGTCTGCAGTGAACTGTGGTGTCTGAGCAAGAGCAATCGGTGCATCACCAATAGCATCC
CAGCTGCTGAGGGAACACTGTGCCAAACACACACTATCGACAAAGGGTGGTGCTACAAACGAGTGTGTGT
CCCCTTTGGGTCTCGACCAGAGGGTGTAGACGGGGCCTGGGGCCCATGGACTCCATGGGGTGACTGCAGC

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AGGTCATGTGGCGGTGGTGTGTCATCTTCCAGTCGTCACTGCGACAGTCCCAGGCCAACCATTGGGGGCA
AGTACTGTCTGGGCGAGAGACGGAGGCACCGGTCCTGCAACACCAATGACTGTCCACCTGGCTCCCAGGA
CTTCAGAGAAATGCAGTGCTCTGAATTTGACAGTGTTCCTTTCCGTGGAAAATTCTACACATGGAAGACG
TACCGAGGAGGGGGCGTGAAGGCCTGCTCGCTGACTTGCCTAGCAGATGGCTTCAACTTTTACACGGAGA
GAGCAGCAGCTGTGGTGGATGGAACACCCTGCCGCCCTGACACAGTGGACATTTGTGTCAGCGGCGAGTG
CAAGCATGTGGGCTGTGACAGGGTCCTGGGTTCTGATCTCCGAGAGGACAAATGCAGAGTGTGTGGGGGT
GACGGCAGTGCCTGTGAGACCATTGAGGGGGTCTTCAGCCCAGCTTTGCCAGGAACTGGGTATGAGGACG
TCGTCTGGATCCCCAAAGGCTCAGTCCACATTTTCATCCAAGATCTGAACCTGTCCCTTAGTCACCTGGC
CCTAAAGGGGGACCAGGAGTCTCTGCTACTGGAGGGGCTACCTGGGACCTCCCAACCTCACCGCCTTCCC
CTGGCTGGGACCACATTTCATCTACGGCAGGGACCAGACCAGGCCCAGAGCCTAGAAGCCCTGGGACCCA
TTAATGCATCTCTCATCATCATGGTGCTGGCCCAGGCAGAGTTGCCTGCTCTCCGCTACCGCTTCAATGC
ACCCATTGCCCGGGATGCACTGCCTCCCTACTCCTGGCACTATGCCCCCTGGACCAAATGCTCAGCTCAG
TGTGCAGGCGGCAGCCAGGTCCAAGTGGTGGAGTGCCGAAATCAGCTGGACAGCTCAGCAGTGGCCCCAC
ACTACTGCAGTGCCCACAGCAAATTACCCAAGAGGCAGCGTGCCTGCAACACAGAACCATGCCCACCAGA
TTGGGTTGTAGGTAACTGGTCCCGCTGCAGCCGTAGCTGTGATGCTGGTGTGCGTAGCCGCTCAGTGGTG
TGCCAACGCCGAGTGTCTGCTGCAGAGGAGAAAGCCTTAGATGACAGCGCCTGTCCACAGCCACGCCCAC
CTGTGCTGGAGGCCTGCCAAGGCCCAATGTGCCCCCCTGAGTGGGCAGCCCTGGACTGGTCTGAGTGTAC
CCCAAGTTGTGGGCCTGGTCTCCGCCACCGAGTGGTCCTTTGTAAGAGTGCAGATCAACGATCCACTCTG
CCCCCTGGGCACTGCCCTCCTGCAGCCAAGCCACCATCTACTATGAGATGCAACTTGCGCCGCTGCCCTC
CCGCCCGCTGGGTGGCCAGTGAGTGGGGTGAGTGTTCCACACAGTGTGGCCTCGGCCAGCAGCAGCGCAC
AGTGCGTTGCACCAGCCACACTGGCCAGCCATCTCGAGAGTGCACTGAGGCCCTGCGGCCGTCCACCATG
CAGCAGTGTGAGGCCAAGTGTGACAGTGTGGTGCCGCCTGGAGATGGCCCAGAAGAATGCAAGGATGTGA
ACAAGGTGGCTTACTGCCCCCTGGTGCTCAAATTTCAGTTCTGTAGCCGAGCCTACTTCCGCCAGATGTG
CTGCAAAACCTGCCAAGGCCGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001271445
Insert Size:	3315 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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_001271445.1, NP_001258374.1
RefSeq Size:	4066 bp
RefSeq ORF:	3315 bp
Locus ID:	314655
Cytogenetics:	7q12