

Product datasheet for MC223964

Adamts18 (NM_172466) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adamts18 (NM_172466) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adamts18
Synonyms: 9630038L21; ADAMTS21; E130314N14Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223964 representing NM_172466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTGCGCCCTCCTGTGCTTGTGCGCCCTCCGGGCCGAGGTCCCGGGCCGCCGTGGGGCCCCGGG
 GACTGGGGCGTCTGGCCAAGGCACTCCAGCTGTGCTGCTTCTGCTGTGCTTCGGTGGCCGTCGCCTTAGC
 CAGTGACAGCGGCAGCAGCGGTGGCAGCGGATTAATGATGATTACGTCTTTGTCGTGCCAGTAGAAGTG
 GACTCGGGCGGGTCAATATTTACACGACATTTTGCACCACAGGAAAAGGCGATCGGCACACGGTGCCA
 GCAACTCCCTGCACTACCGAGTTTCAGCATTGGACAGGATCTACATTTAGAGCTTAAGCCCTCGGCGAT
 CTTGAGCAGTCACTTTAGAGTCCAAGTACTTGGAAAGGACGGTGTTCAGAGACTCGGGAGCCTGAGGTA
 CCGCAGTGTGTATCAGGGATTATCAGAAATGACAGCTCGTCCTCTGTGGCTGTGTCTACGTGTGCCG
 GCTTGTGAGTCTGATAAGGACCCGAGACAATGAATTCCTCATCTCACCGCTACCTCAGCTGTGGCCCA
 GGAACACAATAAGCTCGCCTGCAGGCCACCATCCTCACGTCTGTACAAAAGGACAGCAGAGAAGAGG
 GTCAGATGGTACCAAGACTACCTGGCTCCAGCGGACATCCTGGTCACTCCCAAGTCACACTCCCC
 CTGCCTCCAGAGCCAAGAGCCAGAGTACAGCCATCGAAGTGGCAAAGCGGCATTTTTGTGGACGAG
 CAAGAAATATGCCCCCAAGCCTCCTGCAGAGGACGCTATCTACGCTTTGACGAATATGGAGGCACAGGG
 CGGCCAGACGGTCACTGGAAAGTCAAAAATGGTCTCAATGTGGAGACCCCTGTTGTGGCAGATGCCA
 AGATGGTGGAGAAGCACGGCAAGGATGACGTCAACACGTACATTCTCACAGTCATGAACATGGTTTCTAG
 CCTGTTCAAAGATGGGACCATTGGAAGCGACATAAACATTGTGGTTGTGAGCCTAATTCTGCTGGAAGAA
 GAACCTGAAGGACTGCTGATCAATCACCATGCAGACCAGTCTCTAAACAGCTTCTGTGAGTGGCAGTCA
 CTCTTGTGGAAAGAATGGCAAGAGACAGCACCACCCATCCTCCTCACAGGATTTGACATTTGTTCTGT
 GAAGAACGAACCATGTGACACACTAGGATTTGCTCCTATCAGTGGCATGTGCAGTAAGTACCGAAGCTGT
 ACCATCAATGAAGACACAGGACTTGGCCTTGCCTTACCATTGCGCATGAGTCAGGGCACAACTTTGGCA
 TGTTTCATGATGGTGAAGCAATCCCTGCAGGAAAGCAGAAGGCAACATCATGTACCCACACTGACTGG
 AAACAATGGGGTGTTCATGGTCGTCCTGCAGCCGACAGTATCTAAAGAAATTCCTCAGTACACCCGAG
 GCTGGCTGTCTGGTGGATGAGCCCAAGCAAACGGGACAGTATAAATATCCGGACAACTCCCGGGACAGA



TTTATGATGCCGACATGCAATGTAAGTGCCAATTTGGAGCCAAAGCCAAGCTGTGCAGCCTGGGGTTAT
 GAAGGACATTTGCAAGTCACTCTGGTGCCACCGCGTGGGCCACAGATGTGAAACCAAGTTCATGCCTGCA
 GCAGAGGGGACCCTTGTGGCTTGAGTATGTGGTGTGGCAAGGCCAGTGTGAAAGCTCGGAGAAGTAG
 GGCCCCGGCCATCCATGGCCAGTGGTCTGCCTGGTCCAAGTGGTGAATGTTCTCGCACTTGGCGCG
 AGGAGTCAAGTCCAGGAGAGACTGTAGTAACCCCAAGCCTCAGTATGGTGGCAAGTACTGTCCAGGA
 TCTAGCCGCATCTACAAGCTGTGCAACATTAACCCCTTGCCTGAGAATAGCTTGGATTTCCGTGCCAAC
 AGTGTGCAGAGTATAACAACAAGCCCTCCGTGGATGGTGTACCGTTGGAAACCTACACAAAAGTTGA
 AGAGGAAGATCGATGTAACCTCTACTGCAAGGCGGAGAAGTTGAGTTTTCTTTGCCATGTCTGGCAAG
 GTGAAAGATGGGACGCCCTTGTCCCCACACAGAAATGACGCTCTGCATCGATGGGATTTGTGAACTGGTGG
 GATGTGACCATGAGCTTGGCTCTAAGGCGGTTTCTGATGCATGTGGTGTGGCAAAGGCGATAACTCAAC
 TTGCAAGTTTTATAAGGGCCTGTACCTCAGTCAGCACAAGCAAATGAGTATTACCCTGTGGTCACCATC
 CCCGCTGGGGCCGAAGCATTGAGATTCAGGAGTTGCAGCTTTCTCCAGCTATCTTGTCTTGAAGCC
 TCAGTCAAAGTATTACCTCACAGGGGGCTGGAGCATCGACTGGCCAGGGGACTTCACTTCGCAGGGAC
 CACGTTTTGAATACCAGCGTTCCCTTAACCGCCCTGAACGACTGTATGCACCAGGACCCACGAATGAGACG
 CTGGTCTTTGAAATCTGACACAAGGCAAGAATCCGGGGATCGCTTGAAGTATGCACCTCCAAGGTCA
 TGAATGTAACCTAGCCAGCCACCAAGAGATACCACCACACCTGGCGCACAGTGCAGTCTGACTGCTCAGT
 CACCTGCGGTGGAGGTTATAAGCATCAAGGCCATTTGCTTACGAGATCAACACACCCAAAGTCAATTCC
 TCATTCTGCAGTGTAGAACCAAGCCAGCAACAGAGCCCAAGATATGCAACGCTTTCTCCTGCCAGCCT
 ATTGGTTGCCAGGGGAGTGGAGCGCATGCAGCAAGTCTGTGCCGGCGGCCAGCAGAGCCGCAAGATACG
 GTGTGTGCAGAAGAAGCCCTCCAGAAAGAGGAGGCGGTGCTGCACTCCCTCTGTCCAGTGAACAGCCC
 ACTCAGTTCAAGTCTGCAACAGCCATGCCTGCCCTCCAGAGTGGAGCCCAAGCCCTGGTCTCAGTGT
 CCAAGACCTGTGGACGAGCGGTGAGGAGCGTGAGTCCCTTTGTAAGCCCTGCAGCGGAGACTCCC
 CGAGAGCCTGTGCTCCAGCAGCCCAAGCCGAGGCACAGGAGGGCTGTGTGCTGGGACGGTGGCCAAA
 ACAACAGGCTCCAGTGGATTGCCTCTGCATGGAGTGAGTGTCTGCAACCTGTGGCTTGGGTGTGAGGA
 AGAGAGAAGTGAATGCGTTGAGAAGACCTTGCAGGGGAAACTAATAACATTTCCCGGAGCGGAGATGCCG
 CAACATTAAGAAGCCAAGCCTGGAAGTGAAGAAGCCTGCAACCAAGGACTTGGCCAGTGTACAGCATG
 GCGGTGGCGAGCTGGTATTCATCACCATGGCAACAGTGCACAGTAACCTGCGGGGGAGGAGTCCAGACTC
 GCTCTGTCCACTGCATGCAGCAAGGCCGCTTCCCTCAAGTTGTCTGCTCCATCAGAAGCCTCCGGTGT
 CAGAGCCTGTAAACCAACTTCTGTCCAGCTCCTGAAAAGAAAGATGACCCATCTTGCCTGGATTCTTC
 AGCTGGTGTACCTGGTCCCTCAGCACGGAGTCTGCAACCACAAATTTTATGAAAGCAGTGTGTAGAT
 CATGCACAAGGAAGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_172466
- Insert Size:** 3660 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:

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_172466.3](#), [NP_766054.2](#)

RefSeq Size: 5884 bp

RefSeq ORF: 3660 bp

Locus ID: 208936

UniProt ID: [Q4VC17](#)

Cytogenetics: 8 E1