

Product datasheet for **RN214634**

Adam23 (NM_001029899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam23 (NM_001029899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam23
Synonyms:	MDC3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214634 representing NM_001029899
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCCGCCCGCAGCAGCTCCCGCGGCCGCCCTGACGGGTGCAGCCTGCCCGCGCCTCCCGCG
 GCCCGCGCGCTGCCCGCGGCCCGGTGCCGGCCGCGCGCCCTGCCGCTGCTCCTCGTCTTCT
 CCTGCTGCCTGCCTCGCCGCTCGTCCCGGCCCGTGCCGGGGGGCCGCTGCGCTCAGCGCTCTGCAT
 TGGAAATGAACTGCAGAAAAACAGCCGGGAGTTGTGGCAGATGAAGACAGCACATTGCAACAGAATGGCA
 GCAGAAAATACCAGCTACAGCAGTGCAGTGCAGAAAAGAAATCACACTGCCCTCAAGACTGGTGTATTACAT
 CAACCAGGACTCAGAAAGCCCTTATCATGTTCTTGACACAAGGCCAGACACCAACAGAAAACACAATAAG
 GCTGTCCATCTGGCCAGGCAAGCTTCCAGATCGAAGCCTTGGTCCAAGTTCATTCTTGACCTCATACT
 TGAACAATGGTTTACTATCTTCGGACTACGTGGAGATCCACTATGAGGACGGGAAGCAGATGTACTCTAA
 GGGCGGAGAGCACTGCTACTACCATGGGAGCATCAGAGGTGTCAAGGACTCCAGGTGGCTGTGCGACC
 TGCAATGGACTCCATGGCATGTTTGGAGGATGACTTTTGTGTATATGATAGAGCCTCTGGAGCTGACTC
 ATGATGAGAAAAGCACTGGCCGACCACACATAATCCAGAAAACCTTGGCAGGACAATATTCTAAGCAGAT
 GAAGAATCTCAGCACAGATGGCAGTGACCAGTGGCCTTTGCTACCTGAATTACAGTGGTGAGAAGAAGG
 AAAAGAGCAGTTAATCCATCGCGAGGTGTGTTGAAGAAATGAAGTATTGGAGCTTATGATTGTTAACG
 ATCACAAGACGTATAAGAAGCACCGCTCTTCTCACGCGCATACGAACAACCTTCGCAAAGTCTGTGGTCAA
 CCTTGTAGATTCTATTTACAAGGAACAGCTCAACACCAGGTTGTCTGGTGGCTGTAGAGACCTGGACC
 GAGAAGGATCAAATTGACATCACCATCAACCCCGTGCAGATGCTTCATGAGTTCCTCAAGTACCGGCAAC
 GTATCAAACAGCATGCAGACGCGGTCCACCTTATCTCGCGTGTGACATTCCATTATAAGAGAAGCAGTCT
 GAGTTACTTCGGAGGTGTGTGTTCCCGCTAAAAGGGGTTGGTGTGAATGAGTACGGTCTTCCAATGGCA
 GTGGCACAAAGTGTATCGCAGAGCTGGCTCAAAAACCTTGAATCCAGTGGGAACCTTCGAGCAGGAAGC
 CAAAATGTGAATGCATAGAGTCTGGGCGGCTGCATCATGGAAGAAACAGGGGTGCCACTCTCGAAA
 GTTCTCAAAGTGCAGCATTTTGGAGTACAGAGACTTTTTACAGAGAGGAGGCGGAGCGTGTCTTTTCAAT
 AGGCCGACTAAGCTGTTTGGCCACGGAATGTGGAAACGGATATGTGGAAGCCGGGAGGAATGCGATT
 GTGGTTTCCATGTGAATGCTACGGAGTTTGTGTAAGAAATGCTCTCTCCAACGGGGCCACTGCAG
 TGACGGCCCTGTGTAACAACACCTCGTGTCTTTTTCAGTACGAGGACGAATGTCGGGATGCCGTG
 AACAGCTGTGATATAACGGAGTACTGCACCGGAGACTCTGGCCAGTCCCCCGGAATCTGCATAAACAAG
 ATGGCTACGCCTGCAATCAAAATCAGGGTCTGCTACAATGGCGAGTGAAGACAAGGGACAACCAATG
 CAGTACATCTGGGGGACAAAGGCTTCGGGGTCCAGACAAGTTCTGCTATGAAAAGCTGAACACAGAGGC
 ACCGAGAAGGGCAATTGTGGCAAGGATGGAGACCGGTGGATTAGTGCAGCAAACATGATGTGTTCTGTG
 GATTTCTGCTTTGCACCAATCTTACCCGAGCTCCGCGTATTGGTCAACTCAAGGAGAGATCATCCCGAC
 TTCCTTACCATCAAGGCCGAGTTATTGACTGCAGTGGTGTCTCACGTAGTTTTAGACGATGATACAGAT
 GTGGGCTATGTAGAAGATGGGACTCCATGTGGCCCTCCATGATGTGCTTAGATCGGAAGTGCCTACAGA
 TTCAAGCCCTAAATATGAGCAGCTGCCACTTGACTCCAAGGGTAAAGTCTGCTCAGGCCATGGGGTGTG
 TAGCAACGAAGCCACCTGCATCTGTGACTTCACTTGGCAGGCACAGACTGCAGCATCCGGGATCCAGTT
 CGGAACCCCAACCCCAAGGATGAAGGACCTAAGGTGAACATGGCCACAAGCAGGCTCATAGGGGCCG
 TGCTGGCACCGTCTGGCCCTGGGGTGTATTTTGGAGGCACAGGGTGGGGCATAGAAAACGTCGAAGAA
 GAGGAGATTGCATCCCACTCAGCAAGGCCCAT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029899
Insert Size: 2487 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:	<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>NM_001029899.1</u> , <u>NP_001025070.1</u>
RefSeq Size:	2876 bp
RefSeq ORF:	2487 bp
Locus ID:	301460
Cytogenetics:	9q32
Gene Summary:	metalloprotease-disintegrin with sequence similarity to human metalloproteinase-disintegrin domain 23, in which the disintegrin domain binds to alpha vbeta 3 integrins [RGD, Feb 2006]