

Product datasheet for **MC221622**

Adam28 (NM_010082) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam28 (NM_010082) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam28
Synonyms:	C130072N01Rik; D430033C21Rik; Dtgn; Dtgn1; eMDCII; MDC-; MDC-L; MDCL; TECADAM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221622 representing NM_010082
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGCAATGGAGTCTTCTGGTAGTCTCTTTCTTTCTTCTCCAGTTCAGTAAGTGAATAAAAGAAC
 TCCTAAAGCCAAGAAATATGAAGTGGTTATCCCATAGACTTCATCCATTGCGTAAAAGAGAGACCCA
 AGAGCCAGAGCCAAGGAAACATTTGAACTGAGCTAAGGTACAAAATGACAGTAAATGGAAGGTTGCT
 GTGCTGTATCTGAAGAAGAACACAAGCTCCTTGCCTGACTACTCGGAAACATACTATAATTCCAGTG
 GAAACAAGGTCACCACAAGCCCGCAATTCATGGATAGCTGTTACTACCAAGGACACATCGTAAATGAGAA
 AGTTTCTGCAGCCAGCATCAGCACCTGTCAAGGACTACGGGGTTACATCAGTCAAGGAGATGAAAAGTAT
 TTTATCGAACCTTTGAGCTCGGAGAACTGGATGAACAGGCACATGCACTCTTCAAGGACGACTCCAATG
 AAGACCAGGAGAAGCAACTGTGGTGTGGATGATGCGCTATGGCTCCAAGGGCTGCATCAGGACGTGGC
 CCTCCCTGCCACCAGGTTGATTAAGTTGAATGATGGGATGGTTCAAGAACCTAAGAAATACATAGAATAT
 TATGTGGTCTGGATAATGGTGAGTTAAGAAATACAATAAAAACTTTGCTGAAAACGAAAAGATAGTGC
 TTGAGATGGCCAATTACATCAACATGCTTTACAATAAGCTTGATGCCACGTGGCCTTAGTTGGAGTGGA
 AATCTGGACCGATGGGGATAAAATAAGATAACACCAGATGCCAACACCACCCTGGAAAACCTTCTCTAAG
 TGGAGGGGAAATGATCTGCTAAAACGAAAGCATCATGATATTGCCAGCTAATCTCATCAACAGACTTTT
 CTGGATCAACAGTGGGTCTAGCCTTCATGTCGTCGATGTGTTACCTTACCATTCTGTTGGCATTGTTCA
 GGACCACAGTAACTACCATCTTCGAGTCGACAGGAACAATGGCTCATGAAATGGGTCAAACTTTGGCATG
 ATTCATGACTACTTGAGCTGCAAGTGTCCATCTGAAGTCTGTGTAATGGAGCAGTCACTAAGGTTCCATA
 TGCTACAGACTTCAGCTCCTGCAGTCGTCAATTACAACAGTTTCTTGAAGAAAAATTAATCGCATTG
 CCTCTTTAATAGCCATTGCCATCAGATATCATATCCACCCAGTCTGTGGGAACCAAGTTGTTGGAATG
 AATGAGGACTGTGACTGTGGCACACCCAAGGAGTGTACTAACAAATGCTGTGATGCAAGGACCTGTAAAA
 TAAAGCAGGTTTCCAGTGTGCCCTGGGGAAATGCTGTGAGAAATGCCAACTTAAAAACCTGGGGTTGT
 GTGCAGAGCAGCAAAAGATGAGTGTGATCTGCCTGAAGTGTGATGGTAAATCCAGCCACTGCCAGGT
 GACAGATTCAGAGTCAATGGCTCCCTTGCCAAAATGGGCATGGTTACTGCTTGAAGGGCAAATGTCCCA
 CCCTGCAGCAGCAGTGCATGGACATGTGGGGTCCAGGAACCAAGGTTGCAAATACATCATGTTACAAGCA
 GAATGAAGGTGGGACAAAGTACGGATACTGTGATGGAGAATGGCACACACATGCCCTGCAAAGCAAAA
 GATGCCATGTGTGGGAAATTTGTTCTGTGAAGGCGGATCAGGTGATTTGCCCTGGAAGGACTTACCATAT
 CTTTCCTGACATGTAATTTATTTGATCCTGAAGACACAAGTCAAGGAGTAGACATGGTGGCAATGGAAC
 CAAGTGTGGAACAAAGGTGTGCATTAATGCTGAGTGTGTGGACATGGAGAAGACTTACAAGTCAGCC
 AACTGCTCCTCAAAGTGAAGGGGCACGCAGTGTGTGACCATGAGCTTCAAGTGTGAGTGAAGGAGGAT
 GGGCCCTCCTGACTGCGAGAATTCAGCCACAGTCTTCCACTTCTCCATCGTGGTTGGCGTGCTTTTCCC
 CCTAGCAGTCATATTTGTGGTGGTTGCTATAGTGATCCAGCGCCAAAGTGCCAGAAGGAAGCAGAGGAGA
 GTTCAGAGGCTACCATCCACCAAGGATGCCAAGCTACACAATCAGAAGTGTAGACCCCAAAGGTGAAGG
 ATGTTCAACCCAGGAGATGAGTCAGATGAAAAAGCTCCATGTGTCTGATCTGCCCTCTGAAGAGCCGGA
 GCCTCCACCTGATGTCTAATCACAAGCCAAATTTCCACCACCACCAATTCCTGTTTCTTTCAGAGGA
 AGAGCCAAAGTTCTTTTGTCAAGACACCTCATCTTTTAGTCAGCAAATAGGCCGCGTGTACCTGAAGT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010082
Insert Size: 2382 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:	NM_010082.2 , NP_034212.1
RefSeq Size:	3110 bp
RefSeq ORF:	2382 bp
Locus ID:	13522
UniProt ID:	Q9JLN6
Cytogenetics:	14 D1
Gene Summary:	<p>This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are typically membrane-anchored, although a form of this protein may be secreted. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a mature protein product. This protein may bind to integrins and regulate lymphocyte migration by enhancing cell adhesion. [provided by RefSeq, Aug 2015]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>