

Product datasheet for **MC221726**

Adam33 (NM_033615) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam33 (NM_033615) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam33
Synonyms:	Adaml
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221726 representing NM_033615
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCTCGAGGTGCGGGAGACCCGGGGTCTCCGGTGTGCTATTGCTGCCGCTGTTGCTGCCCTCGT
 GTCGCTGCGGAGCGCTCGGATGTTCCAGGAAATGCCATGGAGAGCTAGTCACTCCCCACTGGATCCT
 GGAGGGCAGACTCTGGCTCAAGGTCACCCTGGAGGAGCCGATCTTGAAGCCTGACTCGGTGCTGGTGGCT
 TTAGAGGCTGAAGGCCAGGATCTCTGCTTGAAGTGGAGAAGAAGCACAAAGCTTCTGCCCCAGGATACA
 CAGAAACCCACTACAGGCCAGATGGGCATCCGGTGTGCTGTCCCAACACACGGATCATTGCCAATA
 TCACGGGCGTGTAGGGGCTTCCGGGAATCCTGGGTGGTCTCAGCACCTGCTCTGGGATGAGTGGCCTT
 ATTGTGCTCAGCAGAAAGTCACTATTATCTGCAACCTCGGACTCCTGGGGATACCAAAGACTTCCCAA
 CCCACGAGATCTCCGGATGGAGCAGTTGTTACCTGGAGAGGGTCCAGAGAGACAAGAAGTCCCAATA
 CAAAGCAGGAATGCCAGTCTTCTCATGTCCCCAGAGCCGGGTGAGGGCAGAGGCCGCGCAGGAGTCCC
 AGGTACCTGGAAGTGTACATAGTGGCTGACCACACCCTGTTCTTCTTACGATCAGAAGTGAACCACA
 CGAGACAGCGCCTCCTGGAGGTTGCCAATTGCGTGGACCAGATTCTCAGGACTCTGGATATACAGTTGGT
 GTTGACCGGGCTGGAAGTGTGGACCGAGCAGGATCTCAGTCGCATCACTCAGGACGCAAACGAAACGCTC
 TGGGCTTTCCTACAGTGGCGCCGCGGGTGTGGGCCAGGAGACCACGACTCCACACAAGTGTGTCACGG
 GCCGCACCTTCCAGGGTACCACGGTGGGCTGGCACCTGTGGAGGGCATATGCCGCGGGAGAGCTCCGG
 AGGTGTGAGCACAGACCACTCGGAATCCCCATCGGCACAGCAGCCACATGGCCACGAGATAGGCCAC
 AGCCTGGGCTCCACCATGATCCCGAGGGCTGCTGCGTGCAGGCCGATGCAGAGCAAGGAGGCTCGTCA
 TGGAGGCAGCCACAGGGCACCTTCCCGCGCTTCCAGCGCTGCAGCCGCGCCAGTGCACACCTT
 CTTCCGCAAAGGGGCGGTCTTGCCTCTCCAACACTCGGCGCCGGGGTCTTGGTGTGCCACGCCG
 TCGGAAACGGCTTCTTGAAGCAGGAGAAGAGTGCAGTGCAGTCTGGCCAGAAGTGCCAGACCCCT
 GCTGCTTTCGCCACAATTGCTCCCTGCGTGCAGGGGCTCAATGTGCCACGGTATTGCTGTGCGAGGTG
 CCTGTTAAAGTCCGCGGGCACGCTTGTGCTCTGCTGCGACTGACTGCGATCTCCCGAGTTCTGCACC
 GGCACCTCCCGTATTGCCCGCAGATGTTTACCTACTGGATGGCTCACCTGCGCTGAGGGTCCGCGCT
 ATGCTAGACGGCTGGTGTCCACGCTGGAGCAGCAGTCCAGCAGCTATGGGGCCTGGGTCCAAGCC
 GGCCCCAGAGCCATGTTCCAGCAGATGAAGTCCATGGGGAATTCGAAGGGAAGTGGCCAGGACCAC
 AAGGGTAGCTTCCCTGTGCTCAGAGGGACGCTCTGTGTGGGAAACTGCTGTGCCAGGGAGGGGAGC
 CGAACCCACTAGTCCGACATAGTGACTATGGACTCCACAATCTCCTAGAGGGCCGCAAGTGGTTTG
 CCGAGGGGCTTGTGCTCCAGATAGTCACTGGACCAGCTTGACTTGGGTCTGGTAGAGCCAGGCACC
 GGCTGTGGACCTAGAATGGTGTGCCAGGACAGGCACTGTGAGAATGCTACCTCCAGGAGCTGGAACGTT
 GCTTACTGCCTGCCATAACGGTGGGTTTGAATAGCAATCGTAACTGTCACTGTGCTGCTGGCTGGG
 TCCACCTTCTGTGACAAGCCTGGCTGGGTGGTAGCGTGGATAGTGGCCCTGCACAGTCTGAAACCGA
 GATGCCTCCCTTGGCCATGCTCCTCAGCTTCTGCTGCCTCTGCTCCCTGGGGCTGGCCTAGCCTGGT
 GCTACTACCAGTCCCAACATTCTGTATCGAAGGGGACTGTGCTGCAGGAGGGACCCCTATGGAATAG
 AGACATACCCCTGGCAGTGTGCATCCGGTGGAGTTGGCTCCATCATCACTGGAGAGCCCTCGCCCCCT
 CCCCATGGACCTTTGCCAACAGCGTTGCACCCCTCCATCTCTTACTGCTCTCAGACCCTGCGAACT
 CTGAGCTTAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_033615
Insert Size: 2394 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_033615.3 , NP_291093.2
RefSeq Size:	3176 bp
RefSeq ORF:	2394 bp
Locus ID:	110751
UniProt ID:	Q923W9
Cytogenetics:	2 63.26 cM
Gene Summary:	<p>This gene encodes a member of a disintegrin and metalloprotease (ADAM) family of endoproteases that play important roles in various biological processes including cell signaling, adhesion and migration. This gene is widely expressed, most highly in the adult brain, heart, kidney, lung and testis. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional metalloprotease enzyme. Alternative splicing results in multiple transcript variants encoding different isoforms, some of which may undergo similar processing. [provided by RefSeq, May 2016]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer 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>