

Product datasheet for **MC221465**

Adam29 (NM_175939) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam29 (NM_175939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221465 representing NM_175939
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATATGATTGAAGCATTATTATCCATGAGAGTCTTGTTCCTGACACAAGTGTGGGATTTCTCTGT
 GTTTTCCTGGACTCACAAGGCTGGACATCTGCACTACCCAGTTCATAGAAGTGGTATTCCCATGAA
 GGTAAGTGAAGAAACAGAGGAATGAACCTTCCAAATTGGATCTCCTATAGCCTTAAACTTGGAGGCCAG
 AGATACATCATCCACATGAAGATCAAGAATCTTTTCTAACCCAGGCACCTTCCAGTGTTCACCTACTCTG
 ATCAGGACTCTCTGCTTGAAGATTACCCTTTGTACAGGATGACTGCTACTACCAAGTTATGTGGAGGG
 TGACTCAGAATCATTAGTTTCCCTCAGTTCCTGTTTGGAGGCTTTCATGGACTATTAGAGATAAATAAT
 ATTGTTTATGAAATTATGCCAAGAAGTTTCTAGGAAATTTGAACATCTGGTCTATAAAGTGGACAGTA
 AAAAAACAGAATCAAGGGTTCCAGCCTTATGCAAGATAACATAACATGCCAAGTAGAGTTACAAAAAG
 TGGAATCCCATCTCAAGCAAAGTAGTTTGAAGACTGGTGGACCCATACTAAAATTGTTGAATTAGTA
 GTGGTGGTGGATAAAGACTCTATATGACCACTATGGAAATATACAGTAATGCTGTGAGATCTGTATTCTG
 TGATAATATAGTGGATACCATTATGAGGTAATTGGTATTAATAATTATTGGTTGGTGTGGAGGTTTG
 GAATAAGAAAAATCTTATTGTGATAGATGACGTAAGTAAATCTCTAAGACTATATTGCCGGTGGAAAGCC
 TCAAACTTTCTTCATCGTTTAAACATGATGTCTCGCATCTTTTCATATATAGGCACTTGAGAGGATTAA
 GTGGCATAGGTTCCACTGGGGGATTTGTGATCCAAAACGTAGTTGTGCAGTTGTTACTTTCATAGACAG
 AACTTTGAACCTTCGTGCCATTGGAGTGGCTCATCACTTAGGTCAATAATTGGGCATGAAACATGATGAA
 GATATATGTAAGTGTAGTTACAGTAAATGTATAATGCACATGGACAGCCACCGATACCCAAATTCAGCA
 ATTGTAGCTATAATTACTTTTGGTCTTACACTGTAAGAACAACAAGGTGTTTGTGGAACAACATGTACAC
 AAAGGATATCTTTGACAGGACACGCTGTGAAATGGTGTGTTGTAAGACAAGAACAATGTGACTGTGGA
 TCATTAAGGAATTGTACAATGACCTTTGTGTCATGTCAAACGCACTCTGAGTACTGGGTCTTCTCTGTG
 CCTTTGGACTTTGCTGCAAAAACGTGCACTTTTACCATCAGGGACTCTGTGTAGAAAAAGGATAACAT
 TTGTGACCTTCCAGAGTGGTGAATGGGACGTCCCATGAATGTCCAGATGATGCTTATGTAGAAGATGGA
 ATCCCTGTGGGGTCTCAGCCTATTGCTATGAAAAGCAATGTAATGACCGCAATGAGCACTGTAGGCAAA
 TTTTGGCCAGAATGCAAAGACTGCAAGTGTACATTGCTACAGAGAAATAAACACTAAAGGTGATCGTTT
 TGGCCATTGTGGTCTTCCAGGACCTACTTACATAAAATGTAAGCAATGATGCTCTTTGTGGAAGAATT
 CAATGTGATAATGTGGTACAAATCCCAATATGAAAGATCACAGTACTATTCACCTTGTCTTTGTCAAAA
 ATGTATCTTGGTGGGCACTGATTACCACACTGGGACAAGCCTAACTGATATAGGCGATGTGAAAGATGG
 CACAGAGTGTGAGCAAAATCATATCTGTATCAATAGGCATTGTGTACATATATCTACATTAGACAGCAAC
 TGTACACCTGCATTCTGTAATTACAGGGGCATCTGTAACAATAAACATCACTGCCACTGCAACTCCACT
 GGGATCCTCCTAACTGTATGATTAGAGGACATGGAGGTAGTGTAGACAGTGGCTTACCTCCTAAAAACAA
 TAAAAAGAAACATTTCTTCTATCTGCTTCTATTACAGCTCATTATTTGGCTTGCCTTTTAAAGTTGTCTT
 CTTTGGCTACTTTTTAATAAAAAGGAAGTAAACGAAAGCCCAAGTTCAGCCTACACCTGTAACAAACAA
 AGAAAGTTTCAAAGAAAGTTCCAAGCAAAAACCGAGTCCAGTGCCTTCCCGAGTCTACCTCAATTAAG
 AATGCCATCACGATCTGCTTACCAACATCATCCATAAAAAGTACCAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175939

Insert Size: 2292 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_175939.3</u> , <u>NP_787953.2</u>
RefSeq Size:	2742 bp
RefSeq ORF:	2292 bp
Locus ID:	244486
Cytogenetics:	8 B2
Gene Summary:	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. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional protein. [provided by RefSeq, May 2016]