

Product datasheet for **MR221829**

Adam3 (NM_009619) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam3 (NM_009619) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adam3
Synonyms:	Cyrn1; Taz83; tMDC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR221829 representing NM_009619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCCCTTATTCCTAGTCTCTCATACCTAGGCCAAGTGATCGCTGCAGGCAAAGACGTAGAAACAC
 CACTTCTGCAGATCACAGTACCAGAGAAAATCGACACCAACATCCAGGATGCCAAGGAGGCAGAGACACA
 AGTCACCTTACGTGGTCAGAATTGAGGGCAAAGCATAACACTCCAACCTGAAAAACAGTCATTTTTACAC
 CCACCTTTTTGGAACATATTTGCGTGACAAGTTGGGAACATTGCAACCATACTTTCTTTAGTAAAGACTC
 ACTGCTTTTATCAAGGACATGCTGCCGAGATCCCAGTATCAACAGTGACACTCAGCACTTGTCTCAGGTCT
 CAGGGGTTTGTTCAGTTAGAGAACATCACTTATGGAATTGAGCCCTTGGAGTCTTCAGTACATTTGAA
 CACATACTTTATGAAATTAAGAATAACAAAATTGACTATTCTCCTTTAAAAGAAAACCTCGCAAATCTG
 AGCAAGAAAGTCAGTCTACCGAATCCTTGTCAAACCAGAGAAAGTTTGAACCTCGACACTAACAAAGAG
 AATTCTGAGGATAAAGATCATCATGGATAAAGCCATGTTTGACCATATGGGCTCTGAGGTGGGAGTTGCA
 ACTCAGAAAGTTGTTACATCTTTGGTCTCATTAACTATGTTTTCCAGCTGAAGATGACAGTGATGT
 TAAACTCTCTGGAGATCTGGTCAGAACAAGACAAGATAGAAACCAATGGGGATGCTGATGAGGTCCTGCA
 AAGGTTCTGCTGTGGAAAAGCAAGGAAATATCTCAAAAGGCCCAGGATATAACCTACTTACTCCTGTAT
 AAGGATCATCCTGATTATGTGGGAGCGACATATCATGGGATGGCCTGCAACCCAAATTTACCGCAGGAA
 TTGCTCTGCATCCAAAGACGTTAGCTGTGGAGGGCTTTGCCATTGTTCTCTCACAGTTGCTGGGAATTAA
 CCTGGGGTTGGCATAACGATGACGCTACAATTGTTCTGTCCAGGAAGCACATGCATAATGAATCCTTCG
 GCAATACGTTCCCAAGGCATAAAGGTTTTAGCAGTTGTAGTGTGGATGAATTCAAACAGCTGGCTTCAC
 AACCTGAACTGGACTGCCTTCGGAATACATCGGAGACAGAATTTGTTGCCAGCCCCAAGGTGGATCGTA
 TTGTGGTAACCATCTCCTGGAGGTCCCAGAGCAATGTGACTGTGGCCACCAGAGACCTGTACTCATAAA
 AAATGCTGTAACCTAAAGACTGTACTCTGATTGATGCTGCGCAGTGTGGTACAGGGCCATGCTGTGATA
 AAAGAACATGTACGATAGCCGAAAGAGGACGCCTATGCAGAAAAAGTAAGGACCAGTGTATTTCCAGAG
 GTTCTGCAATGGAGAACTGAAGGCTGTGCCCTGATACAAAAGCTGCAGACCTGGAACCTTGAACAAC
 GAGACTGCCTATTGCTTTGGTGGGTTTGGCGAGACCCAGATAGGCAGTGTACAGATTTATTTGGGAAAT
 ATGCTAAGGGTCCTAATTATGTGTGTGCACAAGAAGTGAATCTGCAAAATGACAAATTTGGAACTGTCA
 TGGGCGATGTAATTATAGTGCTATATTTGTGGAAAAGCAGTTTGCTACTGGAACCTTGCAGAAGTCATA
 CAAACAGAGAAATATGATGTTTCAGTATACTTACTTTGGGAGGCCAGGTGTGTGTGTCGCTCATTTAAGAT
 CACAGACTGGGACTAGAGATGACACATATGTCCATGATGGCACTGTTTGTGGTAGTGGCCAGGTTTGCTT
 CCGAGGAGATTGCTTACGTGTGCATGTCCTAAGGGGAACAGGGAGTGTGAGGCCGATGACAAATGCCAA
 GGACACGGGATTTGCAACAATCTAAACAACGTGTCAGTGTGAATCTGGTTTTGCTCCTCCAGAGTGTGACA
 TGACACCTTCATCTCCAGGAGGAAGCATGGATGACGGATTTTGGCTGCCCTTCGATAAAAGCACACCTTT
 GATTTTCAAGCGGCATGGCCTTAAGTACAAAAAGTGCTTTTGATCAGTTTCTATATCCTCCTGCCTTTC
 CTTGTTGTGCTAGCCTTCATGGCTGTTAAGCGGATGATTGGTAAGCGGCTTGCTAAGCAGAATATCTCAA
 AGGCATTGGAGCACAAGAGGAAGCATTCACAGAGGGTCCATGAACCCAGGCGTGGTCTCCGGTGGCAA
 CACAGACCAGAACCTCATGACAGTCCCAGGTAGCTTCAACAGCTACGCATATCATGGCAACACAGACCAG
 AACTTCATGACGGTCCCAGGTAGCTTCAACAGCTACTCATATCATGGCAACACAGACCAGAACTTCATGA
 CGGTCCCAGGTAGCTTCAACAGCTACTCATATCAGGATGTTCTTACTACCGATCAATACCAGAAGACGG
 TAACGACAGCCAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR221829 representing NM_009619
 Red=Cloning site Green=Tags(s)

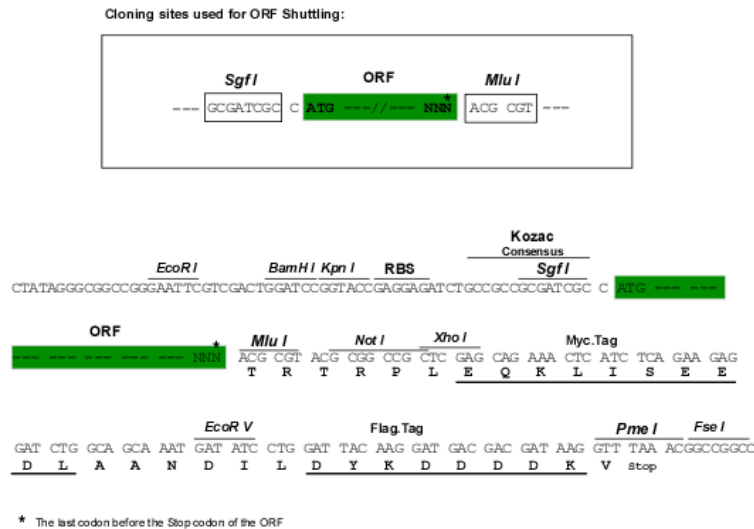
MLPLFLVLSYLGQVIAAGKDVETPLLQITVPEKIDTNIQDAKEAETQVTYVVRIEGKAYTLQLEKQSFLH
 PLFGTYLRDKLGTLPYFSLVKTHCFYQGHAIEPVSTVTLSTCSGLRGLLQLENITYGIEPLESSATFE
 HILYEIKNNKIDYSPLKENFANSEQESQSYRILVKPEKGSNSTLTKRILRIKIIMDKAMFDHMGSEVGVA
 TQKVVFHIFGLINTMFSQLKMTVMLNSLEIWSEQDKIETNGDADEVLRFLWKSKEISQKAQDITYLLLY
 KDHPDYVGATYHGMACPNFTAGIALHPKTLAVEGFAIVLSQLLGINLGLAYDDVYNCFCPGSTCIMNPS
 AIRSQGIKVFSSCSVDEFKQLASQPELDCLRNTSETEFVVQPQGGSYCGNHLLEVPEQDCGPPETCTHK
 KCCNPKDCTLIDAAQCGTGPCCDKRTCTIAERGRLCRKSKDQCDFPEFCNGETEGCAPDTKAADLEPCNN
 ETAYCFGGVCRDPDRQCTDLFGKYAKGPNYVCAQEVNLQNDKFGNCHGRCNYSIAIFCGKAVCYWNFAEVI
 QTEKYDVQYTYLGGQVCVSAHLRSQTGRDDTYVHDGTVCGSGQVCFRGDCLRVHVLRGTRECEADDKCQ
 GHGICNNLNNCQCESGFAPPECDMTPSSPGGSMDDGFWLPFDKSTPLIFKRHGLKYKKVLLISFYILLPF
 LVVLAFMAVKRMIGKRLAKQNIKALEHKEEAFNRGSMNPGVVSGGNTDQNLMTVPGSFNSYAYHGNTDQ
 NFMTVPGSFNSYSYHGNTDQNFMTVPGSFNSYSYQDVPYYSIPEDGNDSSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9101_c11.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_009619

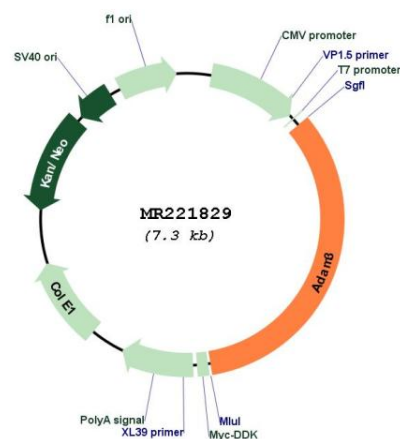
ORF Size: 2466 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_009619.5</u> , <u>NP_033749.2</u>
RefSeq Size:	2745 bp
RefSeq ORF:	2469 bp
Locus ID:	11497
UniProt ID:	<u>F8VQ03</u>
Cytogenetics:	8 13.09 cM
MW:	91.4 kDa
Gene Summary:	Involved in fertilization by controlling sperm migration into oviduct.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221829