

Product datasheet for **MC221419**

Adam4 (NM_009620) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam4 (NM_009620) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam4
Synonyms:	AV274654; tMDCV
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221419 representing NM_009620
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTCCCTTCCTCAGACCATCTACCTGGACTTTGGCCCTCTGAGAGGTGCTCTCTGGCTCTCTGTGC
 TCTGGGCACTGTTGTCTCCTGCCTGCTGTTCCCGTAGCCACCCAAATGGCGCTTCTCTACTCTGAAAT
 TGTTCATCCCAGGAAGGTTCCCCAGAGAATGGGCAAAAGTGATATGTCTGGGCACATCACCTATAGCATG
 CGCTTTAGGGGACAAAGACATGTGGTCCACATGAAACTCAAGAAAAACATGATTCCTCAAAATTTTCCTG
 TATATACCTCTAATGACCAAGGAGCCCAACAGAAGGATTACCCATTTGTTCTCGGGATTGTTACTTCTA
 CAGCTTCTGGAAGGAGTCCCTGGGTCCCAAGCTATACTAGATACCTGTACTGGAGGTCTGAAAGGCATG
 ATACAGGTGGATGACTTCACTTATGAAATCAAACCATTGGCATCTTCTTCCAAATTTGAGCATGTAATTT
 CTCTGCTTGTGGTGGATGAAAGGTCACGTGAGTCAAAAAAGTGTAGAAATGATGAGATTATGGCAAAGGC
 AGGTGACCTCTGAAGAGACCAAGCTGGCTGGAAGTCCAGAGCAGCCCTGTATATCTGTGGCGTTAC
 CATTTGAAAAGTGTAGGAATACACTACACGGTACTCATGACTTATTCAAACAAACTGGGAGCAATTCCT
 CCACCTCAGTTGAGTTAATACTGATTATGAATAGCATTTCAGATAGCATTATAAAAAAAGTGGATTGAT
 TGTGTATGCACGTGGTGTATGGATTTGGAATACGAAGAACCTGCATACTGTCCCCGGTAAAAATCCCCAC
 CTTGATCCTTGGAGTGTATGGCAGTTTTGGTGTATGGAATCTAAAGAATTGCACGATTTGTATGCCA
 CTACAGCTATTCTCCTTGCATCAAGACCAAAAAATACAGATTATGGAAGCTTTCAGAATGGATTATGTAA
 CCCCAACTGGGGAGTATTATTTACATATGTAGGAAAAACCATTTATTTCTGGCTGGATCTTTCCTGGCA
 CATGCAGTGGGTACCTTTTAGATGTAAGCCATGATACACCAGGCTGTGTTTGTTCAGAAGGAGCAGTT
 GTCTCATGGATGAATTTCTACTTTCATGATATGATTAGTAATTGTTCCATAATGAGTTACATAGGAG
 GATCCATGACTGGGACCCTTGCTTGAGTTTAGAGCTAAAAACAGCTAAAGAAGTAAACATGTATGAAGTT
 CCTCGTTGTGAAATAAGAGAGTGGAGGCCAGTGAGAAATGTGACTGTGTTTCTGTGAAAGACTGTACCA
 CTGATAAGTGTGGAAGTCAATTGTGAGTTTACTCAGGGTAGCTCTTGTGCTGCAGGAGTTGCTGTCT
 ATCTTGAAGTTTGCACCCACTGGAACAATATGCAGAGACAAAAATGGTATTTGTGATCTCCAGAGTAC
 TGTAGTGGAGCCTCAGAGCATTGCCAGGAAATTTTACATCATGGATGGAACCTTGTCTCCACTGG
 CAGTCTGCATAGCAGGAACTGTAGTGACCGTCATTTGCAGTGTCAAGCTCTTTTGGATACCAAGTAAA
 GGATGGTTCACCAGCATGCTATAATGAATTAATGTCAAAGGTGACCGATTTGGAACCTGTGGCATTAGA
 ATCATACTGGAGGAAGCAACCTGTCCCATGTCAAAGGAGGATGTTTTTGTGGAATGATCCACTGTG
 ATGGTGTCAAGTATATTCTGGTGGAGGTGAGCACACTACCTTTTATCACCTAAAGGTTCAAGATGTAA
 AGAAGAACAGTGCTTTGGGTATGATGCACACCATGGGACAGAACTTCAGAAATGGGGCTTGTAGTGGAT
 GGTGCAACCTGTGGCCCTGGCAAATATTGTAAGCTCAAAGATGTGTTGCTCATCCAACCTTTGAATTTTA
 ATTGCAACATTAGTTCGTGTAACCTCAGAGGGGTGTGCAACAACAAGGCAACTGTCACTGTGTTTCGAGG
 ATGGCAGCCACCACATTTTACAAATAGGAAAAGGTGGTAGTACAAATAGTGGCCCTCCACCTACCACT
 CAGAAAAACATCAAGCTGAAATACATGTGAGTGCCAACAGGCTAATAGTCATTTAAGTATTCGCATGA
 TTCTTATCTTGGCTTCGATTCTTTGGGTGCAGTTTTCAAAGCAATATTTGTTTCAGAAACTACAGAAGA
 GGAGCAACATTCTGCTGTTAACAGACAGTTGACTTCATACCAAACTATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009620
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:	NM_009620.2 , NP_033750.1
RefSeq Size:	2597 bp
RefSeq ORF:	2292 bp
Locus ID:	11498
Cytogenetics:	12 D1