

Product datasheet for **MC222037**

Adam9 (NM_007404) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam9 (NM_007404) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam9
Synonyms:	AU020942; MDC9; mKIAA0021; Mltng
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC222037 representing NM_007404
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCCGCGCGCTCTCGCCCTTGCCTCTCTGCGACTAAGGTGGCTGCTGGCGTGTGGCTTGTCTGG
 GCCAGTCTCGAGGCCGGCGACCAGACTTGGAAACAGACTGTCCATCTTTCTTCTATGAAATTATTAC
 TCCTTGAGATTAAGTAGAGAAAAGGAAGCTCTGGGGCCAGTTCACAGCAGATCTTTACGTCATC
 CAGGCCAAAGAAAACAGCATATTATTCACTTGGAAAAGAACACAGACCTTTTACCTAATGATTTGTAG
 TTTACACCTACGACAAGGAAGGCTCCCTACTCTGACCATCCCAACGTACAGAGCCATTGTCACATCG
 AGGCTATGTGGAGGGAGTGCAGAATCCGCGGTTGCTGTGAGCGCCTGCTTTGGACTCAGAGGCTTGTCTG
 CATTGGAGAATGCCAGTTTGAATTGAACCTCTGCACAACAGCTCACACTTTGAGCACATATTTTACC
 CCATGGATGGCATCCACCAGGAGCCTCTGAGATGTGGAGTCTCTAACAGGGACACAGAGAAGGAAGGCAC
 ACAGGGGGATGAGGAGGAGCATCCGAGTGTCACTCAGCTGCTGCGCAGAAGAAGAGCTGTTCTACCACAG
 ACCCGCTATGTGGAGCTGTTTATTGTTGTAGACAAGGAAAGGTACGACATGATGGACGGAACCAGACTG
 CTGTGAGAGAAGAGATGATTTCGCTTAGCAAACCTACCTGGATAGCATGTACATCATGTTAAACATTGGAAT
 TGTGCTGGTTGGACTAGAAAATTTGGACAGACAGAAATCCTATCAATATAATTGGAGGAGCTGGAGATGTG
 CTGGGCAACTTTGTTTCACTGGCGGAAAAGTTCCTTATAACTCGTTGGAGACACGACAGTGCACAGTTGG
 TTTTGAAGAAAGGCTTTGGTGAAGTGCAGGAATGGCGTTTGTAGAACAGTATGTTCAAGGAGCCACGC
 AGGTGGATCAATGTGTTGGGCAATCACTGTGGAGACATTTGCATCCATTGTTGCTCATGAATTGGGG
 CATAACCTTGAATGAATCATGATGATGGGAGAGAGTGTCTGTGGAGCAAAGAGCTGTATCATGAATT
 CAGGAGCATCCGGTCCAGAACTTTAGCAGTTGCAAGTCCGAGGACTTTGAGAAGTTAACGTTGAATAA
 GGGAGGAAGCTGCCTGCTTAACATCCCGAAGCCGACGAAGCCTACAGCGCGCCCTCCTGTGGTAATAAG
 CTGGTGGACCCTGGAGAGGAGTGTGACTGCGGCACAGCGAAGGAGTGTGAGGTGGACCCATGCTGTGAAG
 GAAGCACTTGTAAAGTCAAGTCAATTTGCTGAGTGTGCATATGGCGACTGTTGTAAAGATTGCCAGTTCCT
 TCCAGGAGGCTCCATGTGCAGAGGGAAGACCAGTGAAGTGTGATGTTTCTGAGTACTGCAACGGTTCCTCT
 CAGTTCTGCCCGCAGATGTTTCAATCAGAATGGATATCCTTGGCAGAACAGCAAAGCCTACTGCTACA
 ATGGCATGTGCCAATATTATGACGCGCAGTGTCAAGTCACTTTGGTTCAAAGGCTAAGGCTGCCCAAG
 AGATTGCTTCATTGAAGTCAATTTAAAGGTGACAGATTTGGCAACTGTGGTTTCTCCGGCAGTGAATAC
 AAGAAGTGTGCCACTGGGAACGCGCTGTGTGAAAGCTTCAATGCGAGAATGTACAGGACATGCCGGTGT
 TTGGAATAGTACCAGCTATCATTAGACACCCAGTTCGAGGACCAAAATGCTGGGGTGTGGATTTCCAGCT
 TGGTTCGGACGTTCCAGACCCAGGGATGGTGAATGAAGGCACCAATGTGATGCTGGCAAGATTTGCAGG
 AATTTTCAAGTGTGAAATGCTTCTGTCTGAATATGACTGTGACATTCAGGGAAAATGTGATGGCCATG
 GGGTGTGTAACAGCAATAAGAAATGTCAGTGTGAAGACGGCTGGGCTCCCCCACTGTGACACCAAAGG
 ATATGGAGGAAGCGTGGACAGCGGGCCGACGTATAATGCAAAGAGCACAGCACTGAGGGACGGGCTTCTG
 GTCTTCTTCTTCTAATCGTCCCCTTGTGCGGCTGCCATTTTCTCTTTATCAAGAGAGATGAACTAC
 GGAAAACCTTCAGGAAGAAGAGATCACAAATGTGAGATGGCAGAAATCAAGCAAACGTCTCTAGACAGCC
 AGGAGATCCTAGTATCTCCAGACCACCAGGGGGCCAAATGTCTCCAGACCACCAGGGGGCCAGGTGTC
 TCCAGACCACCAGGGGGCCAGGTGCTCCAGACCACCAGGGGGCCAGGTGTCCTCCAGACCACCAGGCTG
 GGCATGGAACAGATTCCAGTACCAACCTACGCGCCAAGCAGCCTGCGCAGTTCCTGCAAGGCCACC
 TCCACCACAACCGAAAATATCTTCTCAGGGAACTTGATTCCGGCTCGGCCGCTCCTGCACCTCCTTTA
 TATAGCTCCCTCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007404
Insert Size: 2538 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_007404.2 , NP_031430.2
RefSeq Size:	4003 bp
RefSeq ORF:	2538 bp
Locus ID:	11502
UniProt ID:	Q61072
Cytogenetics:	8 13.7 cM
Gene Summary:	<p>Cleaves and releases a number of molecules with important roles in tumorigenesis and angiogenesis, such as TEK, KDR, EPHB4, CD40, VCAM1 and CDH5 (PubMed:19273593). May mediate cell-cell, cell-matrix interactions and regulate the motility of cells via interactions with integrins (PubMed:10825303).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame segment compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>