

## Product datasheet for **MC229064**

### Adam9 (NM\_001270996) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adam9 (NM_001270996) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam9
Synonyms:	AU020942; MDC9; mKIAA0021; Mltng
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC229064 representing NM\_001270996  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCCGCGCGCTCTCGCCCTTGCCTCTCTGCGACTAAGGTGGCTGCTGGCGTGTGGCTTGTCTGG  
 GCCAGTCTCGAGGCCGGCGACCAGACTTGGAAACAGACTGTCCATCTTTCTTCTATGAAATTATTAC  
 TCCTTGAGATTAAGTAGAGAAAGAAGGAAGCTCTGGGGCCAGTTCACAGCAGATCTTTACGTCATC  
 CAGGCCAAAGGAAAACAGCATATTATTCACCTTGGAAAGAAAACACAGACCTTTTACCTAATGATTTGTAG  
 TTTACACCTACGACAAGGAAGGCTCCCTACTCTGACCATCCCAACGTACAGAGCCATTGTCACATCG  
 AGGCTATGTGGAGGGAGTGCAGAATCCGCGGTTGCTGTGAGCGCCTGCTTTGGACTCAGAGGCTTGTCTG  
 CATTGGAGAATGCCAGTTTGAATTGAACCTCTGCACAACAGCTCACACTTTGAGCACATATTTTACC  
 CCATGGATGGCATCCACCAGGAGCCTCTGAGATGTGGAGTCTCTAACAGGGACACAGAGAAGGAAGGCAC  
 ACAGGGGGATGAGGAGGAGCATCCGAGTGTCACTCAGCTGCTGCGCAGAAGAAGAGCTGTTCTACCACAG  
 ACCCGCTATGTGGAGCTGTTTATTGTTGTAGACAAGGAAAGGTACGACATGATGGGACCGAACCCAGACTG  
 CTGTGAGAGAAGAGATGATTTCGCTTAGCAAACCTACCTGGATAGCATGTACATCATGTTAAACATTGGAAT  
 TGTGCTGGTTGGACTAGAAAATTTGGACAGACAGAAATCCTATCAATAAATTGGAGGAGCTGGAGATGTG  
 CTGGGCAACTTTGTTTCACTGGCGGGAAAAGTTCCTTATAACTCGTTGGAGACACGACAGTGCACAGTTGG  
 TTTTGAAGAAAGGCTTTGGTGGAACTGCAGGAATGGCGTTTGTAGAACAGTATGTTCAAGGAGCCACGC  
 AGGTGGATCAATGTGTTGGGCAATCACTGTGGAGACATTTGCATCCATTGTTGCTCATGAATTGGGG  
 CATAACCTTGAATGAATCATGATGATGGGAGAGAGTGTCTGTGGAGCAAAGAGCTGTATCATGAATT  
 CAGGAGCATCCGGTCCAGAACTTTAGCAGTTGCAGTGGAGGACTTTGAGAAGTTAACGTTGAATAA  
 GGGAGGAAGCTGCCTGCTTAACATCCCGAAGCCGACGAAGCCTACAGCGCCCTCCTGTGGTAATAAG  
 CTGGTGGACCCTGGAGAGGAGTGTGACTGCGGCACAGCGAAGGAGTGTGAGGTGGACCCATGCTGTGAAG  
 GAAGCACTTGTAAAGTCAAGTCAATTTGCTGAGTGTGCATATGGCGACTGTTGTAAGATTGCCAGTTCCT  
 TCCAGGAGGCTCCATGTGCAGAGGGAAGACCAGTGAAGTGTGATGTTTCTGAGTACTGCAACGGTTCCTCT  
 CAGTTCTGCCCGCAGATGCTTTCATTACAGATGGATATCCTTGCAGAACAGCAAAGCCTACTGCTACA  
 ATGGCATGTGCCAATATTATGACGCGCAGTGTCAAGTCACTTTGGTTCAAAGGCTAAGGCTGCCCAAG  
 AGATTGCTTCATTGAAGTCAATTTAAAGGTGACAGATTTGGCAACTGTGGTTTCTCCGGCAGTGAATAC  
 AAGAAGTGTGCCACTGGGAACCGCTGTGTGAAAGCTTCAATGCGAGAATGTACAGGACATGCCGGTGT  
 TTGGAATAGTACCAGCTATCATTAGACACCCAGTTCGAGGACCAAAATGCTGGGGTGTGGATTTCCAGCT  
 TGGTTCGGACGTTCCAGACCCAGGGATGGTGAATGAAGGCACCAAAATGTGATGCTGGCAAGATTTGCAGG  
 AATTTTCAAGTGTGTAATGCTTCTGTCTGAATATGACTGTGACATTCAGGGAAAATGTGATGGCCATG  
 GGGTGTGTAACAGCAATAAGAAATGTCAGTGTGAAGACGGCTGGGCTCCCCCACTGTGACACCAAAGG  
 ATATGGAGGAAGCGTGGACAGCGGGCCGACGTATAATGCAAAGAGCACAGCACTGAGGGACGGGCTTCTG  
 GTCTTCTTCTTCTAATCGTCCCCTTGTGCGGCTGCCATTTTCTCTTTATCAAGAGAGATGAACTAC  
 GGAAAACCTTCAGGAAGAAGAGATCACAAATGTGAGATGGCAGAAATCAAGCAAACGTCTCTAGACAGCC  
 AGGAGATCCTAGTATCTCCAGACCACCAGGGGGCCAAATGTCTCCAGACCACCAGGGGGCCAGGTGTC  
 TCCAGACCACCAGGGGGCCAGGTGTCCTCCAGACCACCAGGGGGCCAGGTGTCCTCCAGACCACCAGGGG  
 GCCAGGTGTCCTCCAGACCACCAGGGGGCCAGGTGTCCTCCAGACCACCCTGGGCATGGAACAGATT  
 CCCAGTACCAACCTACGCCGCAAGCAGCCTGCGCAGTTCCTGTCAGGGCCACTCCACCACAACCGAAA  
 ATATCTTCTCAGGGAACTTGATTCCGGCTCGGCCGCTCCTGCACCTCCTTTATATAGCTCCCTCACCT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001270996

<b>Insert Size:</b>	2592 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001270996.1</a></u> , <u><a href="#">NP_001257925.1</a></u>
<b>RefSeq Size:</b>	4057 bp
<b>RefSeq ORF:</b>	2592 bp
<b>Locus ID:</b>	11502
<b>Cytogenetics:</b>	8 13.7 cM
<b>Gene Summary:</b>	<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 (1) represents the longer 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>