

## Product datasheet for **MC203632**

### Adam1a (NM\_172126) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adam1a (NM_172126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam1a
Synonyms:	Adam1; Ftna
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC052093  
 CCAGCATGACCACTGTAAGAATGAGGAATGAGGCAGGACAACAGAGAAGCTCTTAATTGTTTCAGAGAACCC  
 AGAGAAGTTTGTCCCCTCCCCGAAACCCCTGCAGAATGTTGAGTCTGAAAGTATGAGCTGGTTAACATGT  
 CAGGGGCCATGACCTGTGGAGGAGGAAAGATGATGTGACAAGCACAGAACCGGCTGAGCCACTGTAGAT  
 GCAGGGCTCATCTCCATGAATGTCAAAGGAAGTTAAGCAACACTGAAGCTCCTCCACTTGAAGAAGCCC  
 CTGTGCTGCACATATCCACCAAGGCCAGGAGAAAGAAAGGAGAGACACAGCCTGAGACCGCACAGTTT  
 CTTGGGAAGCTCCCCAGTAAGGCACGGGCACAGGTCCTGGGTGCCCTGGGTCTGGGAAAAGCAGAGCAGCACT  
 GCCGCTGATGGACAGAGATCCTCCATCATCAGCAGTTTGTGGAGCCATGTCAGTGGCAGCAGCGGGGAG  
 AGGGTTTGCCTCCAGTCTGTCTTCCCCACAGATCAGGCGAATAGCCTTAAAAGAAGCTAAGCTAACACCT  
 CACATCTGGGCGGCACTGCACTGGAAGTTGGGACTGAGACTAGTGCCATCTGTCAGAGTAGGGATTTTGG  
 TGCTACTGATTTTTCTCCCGAGCAGTTCTGTGACATTGGATCTGTATATAATTCTTCTATGAAACTGT  
 CATCCCTGAGAGACTGCCAGGCAAGGGGGGAAAGACCCTGGAGGGAAGGTGTCTACATGCTATTGATG  
 CAAGGCCAAAAGCAGTCTTCCCTCGAGGTAAGGGGACTACCCTGAGAATAACTTCCCAGTCTACA  
 GTTACCACAATGGCATCCTGAGGCAAGAAATGCCTCTCCTCTCCAGGACTGCCACTATGAAGGCTACAT  
 GGAAGGGTGCCAGGCTCCTTTGTTTCTGTCAACATCTGTTTCAGGCCTCAGGGGGTCTTGATTAAGAG  
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 GTGGTCAACCACCAGCGTTCCAGATGTGGGCAGTAACATCAACGAGACGGTCCAGGCAGTAATGGACA  
 TCATTGCTCTGGCCAACAGCTTCACTAGGGGGATAAACACAGAGGTGGTGTGGTGGGCCTGGAAATCTG  
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 CAGGAGAAACTCGTGGGCCGGGTGAGGACAGTGTGGCACACTTGATCGTGGGCCTGCCAGGAGAGAGA  
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 TGAAGATGCTCCTCCTGTTCCGGCTCTCATGGCCACGAGCTCGGGCACAACTGGGTATCCAGCAGCAC  
 CACCCGACCTGCACCTGTGGTCCCAAGCACTTCTGCCTCATGGGTGAGAAGATCGGTAAGGACAGTGGCT  
 TCAGCAACTGCAGCTCTGACCACTTCTCCGTTTCTCCATGACCACAGAGGGGGTGCCTGCTTGATGA  
 GCCTGGGCGCCAGAGCCGATGCGCAGAGCTGCCAATTGTGGAAATGGTGTGGTGGAGGACTTGGAGGAG  
 TGTGACTGCGGCAGTGTGACAGTCAACCGTGTGTTCCGCAACATGTACGCTTAAGGAGGGTGC  
 AGTGCAGTGAGGGACTCTGCTGTACAAGTGTACATTCAAGAAGAAAGGGAGCTTATGCCGCTCTGCTGA  
 GGATGTGTGTGACCTTCCCGAGTATTGTGACGGCAGTACTCAGGAATGCCCTGCAACAGCTACATGCAG  
 GATGGCACACAGTGTGATAGGATTTATTACTGCTTGGGGGTGGTGTGAAGAACCCTGATAAACAATGTT  
 CAAGGATCTATGGGTATCCTGCAAGATCTGCCCTGAGGAATGTTACATTCAGTTAATACTAAGGCGAA  
 CCGGTTTGGAAACTGTGGCCATCCACCTCCGCTAACTTCAGATATGAAACATGTTCCGATGAGGATGTA  
 TTTTGTGGGAAACTGGTGTGTACAGATGTTAGATACCTGCCCAAAGTCAAACCCCTACACTCACTCCTCC  
 AGGTTCTTATGGAGAGGACTGGTGTGGAGTATGGATGCCTATAACATCACAGATGTCCCGGATGACGG  
 AGATGTACAGAGCGGCACCTTCTGTGCCCAAACAAGTCTGCATGGAGTATATCTGCACTGGTCTGTTGG  
 GTGCTCCAGTACAAGTGTGAGCCACAGGAAATGTGTCACGGGAATGGAGTGTGCAACAATTTCAAGCACT  
 GTCAGTCCGATGCTGGCTTCCGCTCCTGACTGTAGCAGTCCAGGAAATGGGGGAGTGTGGACAGTGG  
 TCCTGTTGGTAAGCCCGCTGATCGACACTTGTGCTCTCTTTTCTGGCTGAAGAGAGTCCAGATGATAAA  
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 GCTGTCTAATGCTGATCGCTACCTCTGGTCTGAAGTACAAGAAGTGTATCTCCACCGAGTTCATCAGA  
 GTCTTCTGCTTTCATCCTGGTCCAGACTCTGACTCTCAGTGAAGTTTTATTTAAGATCCTCTCATGGAT  
 CATTGCTATCGATGCTTGTATTTGAGGGCAATTTTGCCTAAGTGGATTTTAGGCATGCTGTTCAAGT  
 TAATGTGTGGTCTATATACTTGTGTTGCTCATCTCAGAAACAAGTGAATTTATCTGAAATGATGTTAA  
 GGGATCTAAATGTTCTAACTTCCCTGTCAGCTCCTGTTCAAAAATAGAAGGCATTTTAAATAAATATA  
 AATAATAAGGCCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI  
**ACCN:** NM\_172126  
**Insert Size:** 2376 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>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>	<a href="#">BC052093</a> , <a href="#">AAH52093</a>
<b>RefSeq Size:</b>	3114 bp
<b>RefSeq ORF:</b>	2376 bp
<b>Locus ID:</b>	280668
<b>UniProt ID:</b>	<a href="#">Q60813</a>
<b>Cytogenetics:</b>	5 61.84 cM
<b>Gene Summary:</b>	May be involved in sperm-egg fusion.[UniProtKB/Swiss-Prot Function]