

## Product datasheet for **MC221409**

### Adam32 (NM\_153397) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adam32 (NM_153397) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adam32
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC221409 representing NM\_153397  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGGGCGCCATGCTGCACACTGCTGCTGCTGCTGCTGCGCCGAGCTGGGGCCTTGTGTCATCAG  
 GACCCGAGTCTCAAAGTTCATTTCTAGAAATCATATTTCCAGAGAAAATTGAAGATAAAACACACTCAGA  
 AGAACAGATATCCTATATTATTCCAATAAAACAAGAAGCAGTACACTGTGCACCTCCAGAAAAAGATATTTT  
 TTAACGAATCGTTTTATGGTTTTATGTATAATCAAGGATCTACAAGTTTTATTCTCCAAACATCCGG  
 CTCAGTGTATTATCAAGGACACATCAAAGGCTACCCGAAGTCACTGCGCCACCCTCAGCACATGCTCTGG  
 ACTGAGAGGGTTCCTGCAGTTTGAGAATGTGTCCTACGGAATTGAGCCTCTGCAATCTGCATTTACATCT  
 CAACACATTGTTTATAAGCTAGGGAACAAAGAGAAGGAGTTGATATTTAACAAAAACAGCAGAAACATAG  
 AGATGCCATACAACTATGGCATTATAATCAACAAAAAGCCAAAAACACCTTTTAAAAACTGTTTCCCT  
 CTATCTAGAGATGAGTATTGTGGTGACAAAGCGCTGTATGATTACTTGGGCTCTGACAGCAATATTGTA  
 ACAAATAAAATCATTGAAATTATCAGTCTTATAAATTCAGTGTTTGCCCAACTCAAGGTTACTATCGTGT  
 TGTCTCATTGGAGTTGTGGTCAGATAAGAATAAGATTCTACAGTTGGTGAAGCAGATGAATTATTGCA  
 TAAATTTCTAGAATGGAAGCAGGCTACCTTACCCTAAGACCTCATGATGTTGCATATCTATTCAATTTAT  
 AACGAGTACCCAAATTACATGGGAGCAAGTATCCTGGGAAGATGTGACTGCCACTACTCTGCAGGAA  
 TCACAATGTACCCCAAGGATATGACCTTGGAGGCTTTTCGGTTATTCTCACCCAAATGCTGGGGCTCAG  
 TCTGGGATATCGTATGATGAGCCTGAGAAATGCTACTGCTCGGAATCCATCTGCATCATGAATCCCAGG  
 GCGATGCAATATGGAGGTGTGAAGTCAATAGCAATTGCAGTTTGAATGACTTTGAACATTTTAAATCGA  
 ACGAGGGTGCCAAATGTCTGCAGAATAAGCCACAGATGCAAAGGACTGCAGCAGCGGTCTGCGGAAATGG  
 CAAGGTGGAGGGTATGAAATTTGTGACTGTGGCTCTGAAGCAGAATGTGGGCCTGATAGCTGTTGTGAA  
 CCTAACAGATGTGTTCTGAAAGCAGGAAGAGCTTGTGACAGTAAGTCTCCCTCATCAACATGCTGCAAAA  
 ATTGTCAATTTTTACCAGAAAAACATCAATGTAGGCCGAAAAGCATCTATACTGTGACATTCCTGAAGT  
 CTGCAATGGGAGCTCAGGAAATGTCCACCTGATGTAACATAAACAATGGGCATGTTTGCAAAGAAAGC  
 GGGACTATCTGTTATAATGGAGACTGTCCGACCTGGACAGGGTGTGCGAGTCAATATGGAGCAGGTT  
 CAGTGAATGCTCCATTTGCCTGCTATGAAGAAATCCAGGGCCAAAATGATAGGTTTGCAACTGTGGCAA  
 AGACAACCGAAACAGATATGTGTTCTGTGGATGGAGGAATCTCATATGTGGGAGATTGATTTGTACGTAC  
 CCTACCCGAATGCCTTACAACCCACCAATAACAGTACAGCTTCTGTGATCTATGCTTTTGTGCGAGACA  
 AAGTGTGTATAACTGTGGACTTTGGATCGAGTGTCAAAGAAGATCCACTCAGGGTTGCTAATGGTGTAC  
 ATGTGATCTTGATAGGATCTGCTTAAATGGCGTGTGCGTGAATCGAGATTTCTTAGGGATCAATCAAAA  
 ACGTGTTCATCCAAGTGCACGGGAACGGAGTGTGCAATTCTCATGGTGTCTGCCACTGCAATGCCGGCT  
 ACTCACCTCCCAACTGTCAATATCCTACGACAAAAAGGTGAGCATCGCTGTGGTCTGGCAAGCAGATCT  
 GCCCATGGAAAGAGCATTAAGAACCAAGAAAAGAAGTGGCTTTTAAAGTTGTACATTGTCTTAATTATC  
 CTCGCTTCAGTGTTCCTCATAGGCACAGGGTGGAAAGGCTTGAACAGTGCAGGTTCCAAGGAAGAGGAGT  
 CCATGAGTAGCGAAAGCAAATCAGAAGACAGCACTTACACGTATGTCAGCAGATCAACTTCTGAGACAAG  
 CAGTATGACATCTACGAGCAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_153397

**Insert Size:** 2265 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).

<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="#">NM_153397.2</a> , <a href="#">NP_700446.2</a>
<b>RefSeq Size:</b>	2447 bp
<b>RefSeq ORF:</b>	2265 bp
<b>Locus ID:</b>	353188
<b>UniProt ID:</b>	<a href="#">Q8K410</a>
<b>Cytogenetics:</b>	8 A2
<b>Gene Summary:</b>	<p>This gene encodes a member of the disintegrin family of membrane-anchored proteins that play a role in diverse biological processes such as brain development, fertilization, tumor development and inflammation. The encoded protein undergoes proteolytic processing to generate a mature polypeptide comprised of an metalloprotease, disintegrin and epidermal growth factor-like domains. This gene was found to be expressed predominantly in the pachytene spermatocytes, where the processed protein is localized to the sperm surface. This gene is located in a cluster of other disintegrin and metallopeptidase family genes on chromosome 8. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). CCDS Note: An upstream translation start codon is selected for this CCDS which results in a protein that is 4 aa longer at the N-terminal.</p>