

Product datasheet for **RN217167**

Adam32 (NM_001170582) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam32 (NM_001170582) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217167 representing NM_001170582
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTGGGCGCCATGCTGCACACTGCTGCTGCTGCTGGCGGAGCTGGGGCCCTTCTGGCATCAGGAC
 CCGATTCTCAAAGTTCATTTCTAGAAATCATATTTCCAGAGAAAATTGAAGATAAAAACAACTCAGAAGA
 ACAGATATCCTATGTTATTCCAATAAAACAAGAAGTACACTGTGCACCTCCAGAAAAGATATTTTTTA
 ACAAATCGTTTTATGTTTATATGTATAATCAAGGATCTACGAGTTTTATTCTTCAAACATTCCGGCTC
 AGTGCTATTATCAAGGATACATCAAAGGCTATCCGGGCTCTGTCGCCACCCTCAGCACGTCTGGACT
 GAGAGGGTTCTTGCAGTTTGAGAATGTGTCCTACGGAATTGAGCCCTGGAGTCTGCAGCGACATCTCAG
 CACATTGTTTATGAGCTAGGGAAGGAGAGAAGGAATTACTGTTAACAAAAACAGCAGGAACCTAGAGA
 TGCCAACGAACTACGGCATTAAATCAACAAAAAGCCAAAATCACCTCAAAACACTTGTTCCTCTA
 TCTAGAGATGACTATTGGTGGACAAGGCTTTGTATGATTACTTGGGCTCTGACAGCATGATTGAACT
 AATAAAGTCATTGAAATCATCAGCCTTGTAAATTCGGTGTGTTGAACAATTCAAGTTACTATTGTGTGT
 CCTCATTGGAGTTATGGTCAGATAAAAAAAGATTCCAACAGTTGGTGAAGCAGACGAATTATTGCGTAG
 ATTTTCAGAATGGAAGCAATCTTATCTCACCTAAGACCTCATGATGTTGCGTATCTATTCAATTTATAAC
 GAGCAGCCAAATTACATGGGAGCAACGTACCCTGGGAAGATGTGTACCGCCCTACTCTGCAGGAATCA
 CGATGTATCCCAAGGACATGACCTTGGAGGCTTTTCAGTCATCCTCACCCAGATGCTGGGGCTCAGTCT
 GGGAAATCATATGACAATCCGGAGAAAATGTCAGTCTCGGAAAAGTCTGCATCATGAATCCAGGGCA
 ATGCAATATACAGGTGTAAAACATTTAGCAACTGCAGTTCGAATGACTTTGAACGTTTTAAATTTGAACG
 AGGGTGCCAAATGTCTGCAGAATAAGCCAGAGATGCAAAGGAGTCCAAGAGCAGTCTGTGGAAATGGCAA
 AGTGGAAGGTGACGAAATTTGTGACTGTGGCAGCCAACAACAATGTGGGGCTAACAGCTGTTGTGAGCCT
 ACATCTTGTTCTGAAGAGTGGAAAAGCTTGTGACAGTATGTCTCCCTCAGCAACATGCTGCAAAGATT
 GTCAATTTTTACCAGATAAACATGAATGTAGGCCAGCAGCAATATGACTGTGACATTGCTGAAGTCTG
 CAATGGGAGCTCAGGACAATGTCCACCTGATATAATTTTATCCAACGGGATTATTTGTGGAGAAGGTGGG
 ACTGTCTGTTAATGGAACTGCCCAACCTGGACAGAGCATGCGAGGCTATGTATGGACTAGGTTCAA
 CCAATGCTCCATTTGCTGCTATGAAGAAATCCAGGGCCAAAATGATAGGTTTGGCAACTGTGGCAAAGA
 CCAGCAAAACAGATACATATTCTGTGGATGGAGGAATCTCATATGTTGGGAGATTAGTTTGTACGTACCT
 AGCAAACCTCCTTTCATCCACCAACATCAGCACCGCTTCCGTGATCTATGCTTTTGTGAGAGACAAG
 TTTGTATATCTGTGGACTTTGGATCGAGCGTCAAGGAAGATCCACTCAGGGTTCTTAATGGTGTGTATG
 TGATCTTGATAGGATTTGCTTAAATGGCGTGTGCGTGGAAATCGAGATTTCTTAAGGCTCAATCAACATCG
 TGTGCAGAAGCCAAGTGAACCGGCATGGAGTGTGCACTTCCCGTGGTACTGCCATTGTTCTGAGGGCT
 TTCAACCTCCCAGCTGTACACCTAAGGAAGGAGGAGACTCATCTTGGTATGGCAGGCAAGGTCTGCCAT
 GGAAGGAGCTTCTAGGAACCGTGAAGAAGTGGCTCTTAAGTTTGTACATTGTCTTAATTATCCTCACG
 ACAGCAGTCGCTAGGCACAGGGTGGAAAGGCTTAAAAAGTGTGCTTCAAGGAGGAGGAATCCATGA
 GCAGCGAAAGCAAATCAGAAGACAACACTCAAACGTACAACAGCAGATCAAAATCCGAGGCAAGCAGTGG
 ATCACCTACGAGCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170582

Insert Size: 2259 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001170582.1</u> , <u>NP_001164053.1</u>
RefSeq Size:	2399 bp
RefSeq ORF:	2259 bp
Locus ID:	361170
Cytogenetics:	16q12.4