

Product datasheet for **RN214103**

Adam17 (NM_020306) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam17 (NM_020306) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam17
Synonyms:	TACE
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214103 representing NM_020306
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGCAGCGTCTCCTCTTCTGACCCTTTGGTGCCTTCGTCCTGGCACCCCGACTCCGGAGGAAC
 CAGGCTCTGGCTCCACCTGCGACTTGAGAAGCTTGATTCTTTGCTCTCAGACTACGATATCCTCTCTTT
 ATCTAATATCCAGCAGCACTCCATAAGGAAAAGGGATCTACAGTCTGCGACACACTTAGAAAACACTACTA
 ACTTTTTCAGCTTTGAAAAGGCATTTTAAATTATACTTGACATCAAGTACAGAACGCTTTTCACAGAAC
 TGCGAGTCGTGGTGGTGGATGGGAAAGAGGAAAGCGAGTACAGTGTGAAGTGGCAGGACTTCTCAGCGG
 ACATGTGGTTGGTGAACCTGACTCTAGGGTTCTAGCGCACATAGGAGATGATGATGTCACAGTAAGAATC
 AACACAGATGGGCAGAAATAACATAGAGCCACTTTGGAGGTTTGTAAATGATACTAAAGATAAAAGGA
 TGCTGGTGTATAAGTCTGAAGATATCAAGGATTTTTCAGTTCAGTCTCCAAAAGTATGTGGTTATTT
 AAATGCAGATAGTGAAGATTGCTTCCAAAAGGGCTCATAGACAGAGAGCCATCTGAAGAGTTTGTCCGT
 CGAGTGAAGAGGGCAGCTGAACCTAACCCATTGAAGAATACTTGTAAATTAAGTGGTGGCAGATCATC
 GATTTTATAAGTACATGGGCCGAGGAGAAGAGAGCACTACTACAAATTAATTAAGAGTTAATTGACCG
 AGTTGATGACATATACCGGAACACCTCGTGGGACAATGCAGGATTTAAAGGTTATGGAGTACAGATAGAA
 CAGATTCGAATTCCTAAGTCTCCACAAGAGGTAACCTGGTGAAGACACTTCAATATGGCAAAAAGTT
 TTCCAAATGAAGAAAAGGATGCTTGGGATGTGAAGATGCTGCTGGAGCAATTTAGCCTTGATATAGCTGA
 AGAGGCCCTCTAAGTCTGCCTGGCTCATTTTTACCTACCAAGATTTGATATGGGAACTTTGGATTA
 GCTTACGTTGGTCTCCAGAGCAACAGTCTGAGGGGTTTGTCCAAAAGCTTATTACAACCCAGGTG
 TGAAGAAGAACATCTATTTGAATAGTGGTCTGACAAGTACAAAAAATTATGGTAAAACCATCCTTACAAA
 GGAGGCTGACCTGGTTACAACCTCATGAATTTGGACACAATTTTGGAGCAGAACATGATCCTGATGGGCTG
 GCAGAGTGTGCCCAAATGAGGACCAAGGAGGAAAGTATGTTATGTACCCATAGCTGTGAGTGGTGACC
 ATGAGAATAATAAGATGTTTTCAAAGTGCAGTAAACAGTCCATCTACAAGACCATAGAAAGCAAGGCTCA
 AGAGTGTCTCCAGGAGCGCAGCAACAAGGTGTGCGGCACTCCAGGGTGGACGAAGGAGAAGAGTGTGAC
 CCGGGCATCATGTACCTGAACAACGACACCTGCTGCAATAGTACTGCACACTGAAGCCAGGTGTGACGT
 GCAGTATAGGAATAGTCTTGTGTAAAAATGTGAGTTTGTGAGACGGCCAGAAGAAGTGGCAGGAGGC
 TATCAATGCTACTTGCAAAGGAGTGTCTTACTGCACAGGGAATAGCAGTGTGAGTGGCCCCCACCAGGAGT
 GCTGAAGATGACTGTGTGCTTGGACCTGGGCAAGTGAAGGCTGGGAAATGCATCCCTTCTGCAAGA
 GGGAGCAGGAGCTGGAGTCTGCGCATGTGCTGACACCGACAACCTCGTGAAGGATGCTGCAGGAACCT
 TTCTGGCCCATGTGTGCCTTACGTCGATGCAGAGCAAAAGAACTATTTTTGAGGAAAGGGAAGCCCTGT
 ACAGTAGGGTTTTGTGACATGAATGGCAAATGTGAGAAACGGGTACAGGACGTAATTGAGCGTTTTGGG
 ATTTCAATTGACCAGCTGAGCATCAACACTTTTGGGAAGTTTTTGGCAGACAACATCGTTGGGTCTGTTCT
 GGTTCCTCCTTGATATTTGGATTCTTTTCAGCATTCTGTCCACTGTGTGGATAAGAAACTGGACAAG
 CAGTATGAGTCCCTGTCTCTGTTTCATCACAGTAAACATTGAGATGTTGAGCAGCATGGACTCAGCATCTG
 TTCGATTATCAAGCCGTTCCCTGCACCCAGACTCCAGGTCTGCTGCAGGCCCTGCAGCCGGCTGCAAT
 GATGCCGCCAGTGTCTGCGGCTCCAAAAGTGGATCACCAGAGGATGGACACCATCCAGGAAGACCCAGC
 ACAGATTACATGTGGATGATGATGGCTTTGAGAAGGACCCCTTCCCAACAGCAGTGCAGCCGCCAAGT
 CCTTTGAGGACCTCACAGACCACCCAGTACCAGGAGTGAGAAGGCCCTCCTTCAAGCTGCAGCGTCA
 GAGCCGAGTTGATAGCAAAGAGACAGAGTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_020306
Insert Size: 2484 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_020306.2 , NP_064702.1
RefSeq Size:	4126 bp
RefSeq ORF:	2484 bp
Locus ID:	57027
UniProt ID:	Q9Z1K9
Cytogenetics:	6q16
Gene Summary:	expression occurs in response to oxygen glucose deprivation, may play a role in inhibition of apoptosis via induction of TNF-alpha release [RGD, Feb 2006]