

Product datasheet for **RN208464**

Acad10 (NM_001134537) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acad10 (NM_001134537) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acad10
Synonyms:	RGD1310159
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208464 representing NM_001134537
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCTTTGATCAGAGGTGGCGACAGTGGCCCTGGATGAGGTTTATGAAAGGAGAGATGACAAATGG
 AGCGCTTCTTGAAGAGTTCGGGAGGCTGTGCTCTGAAATCGCAAAGACCTCTGTGCCCGTGAGCTCCTT
 TTTCTCTCTGCTGACTAGTGAGCACGTGGCAAAGCAGTCCCGGTGATGACGCAGGCTGTCTCTCAGATC
 CGAGCAGAGGGCCTGCAGACTGCAGTCTGACCAACAATTTCTGCTTTCCAACGGGAAAAGCTTTTTGC
 CCCTGGACCGGAAGCAGTTTGTGTGGTGGTGGAGTCTGCGTGGAAAGGCGTCTGTAAGCCAGATCCAG
 GATATTCCAGCTGTGCCTGCAGCGACTGAACCTGCAGCCCTCACAGGCCATTTTTCTTGATGATCTGGGA
 CCAATGTCAAAGTGGCTGCCAGCTGGCATTGCACCATTAAAGTTGACAATCCTGAGACGGCAGTGA
 AGGAACTGGAAGATCTTCTGGGTTCCATTGCACGGGGCGTCCCAACTCGACCTGTGAGGAAGAC
 CATGGAGATCCACAAGACGCCCTGGAGACCTACCTGAAGGGCTTCTGGGGACCGCTACACTGGCCCC
 ATGAAGCTCCTCAGTTCGATCACGGACAGTCAAACCAACATACTACATCAGGCTGGCTGACCGTCAAG
 TGGTTCTGAGGAAGAAACCGCCAGGCACCCTCCTCCCTCTGCCATGCCATAGAAGGGAGTTCAGGAT
 CATGAAAGCCCTTGGGATGCAGGAGTCCCTGTCCCACTGTTCTTGACCTTTGCAGTGAAGTCAAGCATC
 ATCGGCACCCCTTCTACTTGATGGAGTACTGCCCGGCATCATCTACAAAGACCCCTCCCTGCCAGGCT
 TGGAGCCACGGCGGGAAGCCATATACTGCCATGAACCAAGTCTGTGCAGAATTCACAGTGTGGA
 CCTGCAGGCCACGGCCCTGGACGGCTTCGGGAAGCAAGGGGACTATTTCTCGACAGGTGCAAACCTGG
 ACCAAGCAGTACCGAGCAGCGGAAACAGCAGCATCCCGCCATGGAGCGGCTTATCCAGTGGCTGCCAC
 TGCACCTCCCCAGCAACAGAGGACCACGGTGGTGCACGGTACTTCAGGCTGGACAACCTGATGTTCCG
 TCTGAAAAGGGCGGAGGTGCTCGCTGTCCTGGACTGGGAGCTTTCCACCTTAGGGGACCCCTTGTGAC
 GTGGCCTACAGCTGCCTGGCTACTACCTGCCGTCCAGCTTTCCATGCTCAGAGGGTTCAGGGACCAGG
 ATGTGAGGGAGCTGGGCATCCCCACCGTGGAGGAGTACTTCAGGATGACTGTCTTAACATGGGCATCCC
 ACCCATCGACAAGTGAACCTTCTACATGGCTTTCTTTTTTCCGAGTGGCTGCAATCCTACAGGGAGTC
 TACAAGCGCTCGCTCACAGGTGGCCATGGTGAAGTACAGTTCAAAGATGTGCGTGTGCCTAAGGAGAACA
 TACTTCTGGGCCCTGGCCGAGGCTTTGAGATCGCTCAGGGCAGGCTGGGGCCCGTGGATTCACTACTG
 CATGAGGTTGATCGGGTATTCAGAGAGGGCCCTGGAACATGAAGACACGGGTGATGTCCCGCACGGCC
 TTCGGGAAGCCCTTGTGGAGCACGGCACCATCTAGCAGACATTGCCCGTCTCGTGTGGACATCGAGC
 AGGCACGTCTGCTGGTACTGAAAGCTGCCACCTCATGGATGTGGCCGAAACAAGGCTGCAGCTTTGGA
 GATCGCCATGATTAATAAGTGGTAGCCCTTCCATGGCTTATCGAGTAATTGACCGCGCTGTTCAAGGCTTTT
 GGAGCAGCAGGCCTCAGCAGCGACTACCCCTGGCTCAGTTCTTTGGCTGGGCCGAGCCCTGCGCTTCG
 CTGACGGCCCTGATGAGGTACACCAGCTGACGGTGGCTAAGATGGAGCTGAAGGGTCTGCTCCAGGCTGCA
 GGAGCCAGCAGCCCCAGAGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134537
Insert Size: 2055 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:	<u>NM_001134537.1, NP_001128009.1</u>
RefSeq Size:	2589 bp
RefSeq ORF:	2055 bp
Locus ID:	304500
Cytogenetics:	12q16