

Product datasheet for **RN217154**

Ace3 (NM_001258237) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ace3 (NM_001258237) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ace3
Synonyms:	RGD1561299
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217154 representing NM_001258237

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTTTCCCTGGGCCTTCTACTTGTGCTCCTCTATTACGGGCAGCCCTTGGCGTGGCCCAAGACTG
TGGGAGAGCCAAGCTTAGATGAGTTCTACAGTGAAGCCCAAGCAAAGATGTTCTGCAGTTTATGAGCA
AACAGCCCGAGTTGTGTTGAACGAGCTCATGGAGGCCACTTGAACTATGTCACCAATATACCAAGCAA
AATCAAGAGAACATGCTGCAGAAGGAGGTGGAGAGGTCCAGTTCATGTTGTACTTTGGCACCCGGGCC
GCATGTTTAGGATAGACCATTTCCAGGACCTGGACGTGAAGCGCAGGCTGAGTAAGCTGCGGAACATAGA
CAAGTCGGCCTTGCCCGTGGAGGATTTCCAGGAGTTCAACAGACTTCTTACCTACATGAAGACAGCATAC
GGTAGAGCTGAGGTGTGCTGGATGAGGTCCATGCATGCCCTGGAACCTGACCTCGAAGAAATCATGG
CCACCTCCAGGGACCAGAAGGAGCTGCTGTGGCCTGGCAGGGCTGGCGGGATGCCATTGGTCGGCAACT
CCGCCCTGTCTTTGAGGACTACGTACATCTCAGCAACAAGGCTGCGCAGTATAATGGGTACAAGACATG
GGGGCTTTATGGCGATCCAAGTATGAGTCTGATACCCTGGAGGAAGACCTGGAACAGCTCTATAAGGAGC
TGCAGCCGCTCTACCTGAACCTTCACGCCTACGTGCGCCGCTCACTGTACCGCTATTACGGGCTGAGCT
CATTGACCTGCGGGGGCCATCCCTGCTCACCTCCTGGGAACATGTGGGCTCAGTCTGGAACAATATC
CTAGATCTGGTCTGCCCTATCCAAATAAACCTCCTGAGGATATCACAAGATCATGAAGAATCAGCACT
GGAGGCCTGAAAAGATGTTGGAAGAGGCTAATTTATCTTTACCTCCATGGGAATGCTGCCCGCCCCACC
TGCTTTCTGGATGAAATCATATGATGGAGAAGCCAGTTGACGGGCGGGAAGTGGAGTGCCACACCTCATCC
TGGAACCTCTATAGGCTCAATGACTTCAGGGTAAAGAAGTGCACCGAGGTGACCATAGGAGACCTGCTCT
CCATCTTCCACCAGATGGGCCACATCCAGTACTACTTGCACTGCCAGAACCTCTCTATAATCTACCAAGA
AGGCGCCAGCCAGCCTTCGAAGAGGCCGTGGGGTCAACCATCACCTCTCAGCCTTCTCCCAACAGTAC
CTGCTCACCAGAGGTCTGCTCAGCCAACAGCACCAGGATTCAGAGGAGGAGGTCAACTTCTGTTGAGCA
TCGCCCTGGAGAAGATCGCCTTCATCCCTTCGGCTACATGATTGACCTGTTTCGTTGGAAGGTCTTTGA
CGGCACTATTGAGAAGACGCCTACAACCAGGAGTGGTGGAGCCTCAGGTTGAAGTACCAAGGCCTGTGC
CCGCTGTCCCCCGTCCGAAGATGATTTTGACCCAGGTGCCAAGTTCACATCCCTGCCAATATGCCCT
ACATCCGGTACTTCTCAGCCTGGTGTGCACTTCCAACCTCCATGAAGTACTGTGACGGGCTCAGGCCA
CGTGGGCTCTGCAACCGGTGCGATATCTATACTCCAAGGTGCGAGGGAAGATTCTGGGGATTCTCTG
AAGGTGGGCTCCAGCCGGCCTGGCAGGAGGTCTAAAGGAGATAACTGGAAAGCCCAACATATCCACCA
AGGCCCTCTTGACCTACTTCAAGCCGCTGCTGAACTGGCTGGTGAAGTGAAGCAAGGGGACAT
CCTTGGCTGGCCAGACTTCAGCTGCTCTTTGAAGAAAAATCACAAGAAAAATGTCATTCTGGGTATG
AAGATAGAGCCTGACCAGGCATACCTGGGGCAGTGGGTGTTGCTAAGCATGAGTTTATCATGCTGTGCC
TCATCCTGGCACTGGGCCTCAGTTGCACTACTTGGAAAGACGGTCACTGGACAGCGCACTGTGATACT
TAGCACCCCGCCTATGCCTACTTCTGGGCATAGCGATGGAACCCCGCCAGGCGGCCGAAAAACAGTGG
CTCCTACTGGGCCTCTGCTTCGCTTATGCTGTGCTGTATTGGCCTCCTCATTAAAGATATTACATACC
ACACCAGGAAGCCTCCATGGATGAAAGCTGAATGGCAGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001258237

Insert Size:

2214 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:	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_001258237.1</u> , <u>NP_001245166.1</u>
RefSeq Size:	2583 bp
RefSeq ORF:	2214 bp
Locus ID:	498012
Cytogenetics:	10q32.1