

Product datasheet for RN217593

Acin1 (NM_001170468) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acin1 (NM_001170468) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acin1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217593 representing NM_001170468 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAGACGGAAACGACCGAACAGTTCGGAGGAACCCGGGAATTCTGAGCGGTAATAGAGGGGTAG
ACTATGGCAGTGGGCGGGCCAGTTCGGTACGTTCTGAAGGGCGTTGGCGGAAATTACCGAAGATGCCCGA
AGCCGTCGGGACGGACCCGAGTACCTCACGCAAGATGGCGGAGCTGGAGGAGGTGACTCTGGACGGGAAG
CCTTTTCAGGCTCTGCGGGTACCGACCTGAAGGCCGACTGGAGCAGCGAGGCCATAGCCAAGAGCGGGC
AGAAGAGTGCCTGGTCAAGCGGCTCAAAGGGGCTCTAATGCTAGAAAATTTACAAAAACTCAACACC
CCATGCTGCATTCAGCCAAATTCTCAGATTGGGGAGGAGATGAGCCAGAACAGTTTCATAAAGCAGTAC
CTGAAAAAGCAGCAGGAGCTACTTAGGCAGCGCCTAGAACGGGAAGCTCGAGAGGCTGCAGAACTTGAAG
AAGCTTCAGCTGAGTCGGAGGACGAGATGACCCATCCTGAGGGAGTGGCTTCCCTGCTGCCTCCTGACTT
TCAGAGCAGCCTGGACAGACCAGAGCTGGAGCTCAGCACACATTCACCTCGAAAGAGCTCCTTTTTTCT
GAAGAGAAAGGTGAATCCGATGATGAGAAACCAAGGAAAGGAGAAAGACGATCATCCCGGTGAGACAGG
CAAGAGCTAACTCCCTGAGTACAGTACAGTACAGGCTGCTGAGGAGGAAGAGGACCAAGAGACGCCATCTAGAAA
CCTGAGGGTACAGCAGATCGAAATTTAAAAGTAGAGGAGGAGGAGGAAGAGGAGGAAGAAGAAGATGAT
GAAGAAGAGGAAGAGGAGGTAGATGAGGGACAGAAATCTAGAGAAGCCGAGGCACCAATCCTGAAACAGT
TTGAGGATGAAGACGGGAGGAGATGACCAGAGCAAAACCAAGAAAGGTAGTGGATGAGAAACCCCAAT
CATAAGATCCCAGGAAAAGGATGAGTTAGAGAAAAGGAGGGCGAGTTACAAGATCCCAGGAAGAAGCTAGA
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AGGTAATACTTCAAGGTTTGAAGAAAAATCCCAGTCTCCTCCCTGCCTCCCTCCTGAAGACCT
AGAGAAGGCCCTGTCTGCTGCAGCCAGAGCAATAGTCAGTGAAGAGGAAACACCCCCACCTTACTT
ACCAAGGAAGCTTCATCTCCACCAACTCATATGCAGCTCCAGGATGAAGAAGAAGTGGAGCCAGCGGAAG
GCCAGCACCCCTGTCTCATTAGTTATCTCCTCCTGGTACAGATGCTGGAACCAGGGAGCCCATAGT
GTCTCCCCACACAGTGCAGCTGCTCAGAGGCCGTCTCCTCTGTCAGTACTGCAGACACCAAGCAGAG
TCTCCAGCAGAGAGAGTGTGAGAAGAGAGTGTCTGCCCTGGCAGAGAGAAGCATACTGCCCGAACACT
CAGCCAGAAAAGGTGCTGAAAGTGAAGCTGAAAAGTCTGCTCCCTTCTCCTCTAACAAGAGAGGAGTT



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AGCACCCGCCAAAGGGATCACTGAGGAGTCTGTGAAGAAACAGTCTTTGGAACAGGAGGAGGGCAGAAGA
 GCTTCCCACACTCTTCCCAGACCACAGTTTGAACCGTCAGCCGACTCATCTCGAGCCGATCATCT
 CACCTTACCTCCAGCTCTAGATCCAGATCTCGATCTCCTGACAGTTACAGTTCCTCCGCTCACAGTCCT
 TCCAAGATCTAAACAGAGAGAGGTGTCTCAAGCGGAGTTCACGCCAATCCTCATGATAGAGCCAAGATG
 GGCTCCAGGTCAACATCAGAGTCTAGGTACGTTCTCGATCTCGTTCCCGTTCGCATCAAGCGGCAGCA
 GAAAATCTCTGAGCCCTGGAGTCTCCAGAGACGGCAACACCACCTACACTGAAACCAAAGATCCCTCTTG
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 TCAGACCTCAGAGCCTCAGCTCTCAGCTGCCAGAGGCGAAAGGACTCCTCACACCGCTGAAGAGAAG
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 GCCCAAATCATTCAAGAGGAAAATCTCCGTTGTCTCAGTACCAAGGGGGTGAAGCTGGAACAGTGAC
 ACAGAGGGGGCCAGCCTGGTCGAAAGCGTCGTTGGGGAGCCAGTACTGCTGCCACAGAAAGAACTT
 CTATCAGTATCACCAGTACTCAAGAGCCTCATCCCGACATCAAACCCCTGGCGGGCAGGAGGC
 TGTGTGGATCTTCATGCTGATGACTCCGAATCTCTGAGGATGAGACAGAGCGTAATGGCGACGATGGG
 ACCCATGACAAAGGACTGAAAATATGCCGGACAGTCACTCAGGTAGTACCTGCAGAGGGCCAGGAGAAGC
 GGACAGGGGAAGAGGAAGAGAAAGAGCCTGAAGCAGAGCCTCCTGCGCCTCCCAGGCGTCGGTGGG
 GGCTGCCTTGCCCCACCTGTGGAGCATGAAGTAAAGAAAGTAACATTAGGAGATACCTTAACCCGGAGG
 TCCATTAGCCAACAGAAGTCTGGAGTTTCCATTACAATTGATGACCCAGTCCGAAGTCCAGGTTGCCCT
 CCCACCCAGGGCAAGATCAGTAACATTGTCCACATCTCCAATTGGTTCGTCCTTACTCTAGGCCA
 GCTAAAGGAGTTATTAGGGCGTACAGGGACTTTGGTGGAGGAGCCTTCTGGATTGACAAGATCAAATCT
 CATTGCTTTGTGACGTAACAAGTACAGGAGCCGTCGACCCAGCAGCTGCACGGGGTCAAGT
 GGCCCAATCCAACCCCAATTCCTCTGTGCTGACTATGCTGAGCAAGATGAGCTGGACTATCACCGGGG
 ACTCTTGGTAGATCGCCATCTGAAGCTAAGACAGAGGAACAGGGAGCACCAAGGCCCTGCATCCCCCA
 CCCCCACCCAGTCCAGCCACCACCTCATCCCAGGGCTGAGCCACGGGAGCAGGAAAGGCTGTACGGG
 AGCAGTGGGCAGAACGGGAACGGGAAAATGGAGCGCGGGAGAGGACTCGGTCTGAGCGAGAATGGGATCG
 GGACAAAGTTTCGAGAGGGGCCCGCTCCCGATCACGGTCCCGTGACCGCCCGCAAAGAGCGAGCAAAA
 TCTAAAGAAAAGAAGAGTGAAGAAGAGAAAGCTCAGGAGGAGCCGCTGCCAAGTTGCTGGATGACC
 TCTTCCGTAAGACCAAGGCAGTCCCTGCATCTATTGGCTCCACTGACTGAGAGCCAGATTGTTAGAA
 GGAGGCAGAGCAAGCAGAACGGCCAAGGAGCGGAGAAGCGGCAAAGGAACGAGAAGAAGAAGAACAG
 AAGGAGCGGGAGAAGGAAGCTGAGCGGGAACGGAACCGACAGCTAGAACGGGAGAACCGAGGGAGCACA
 GCAGGGAGAGAGAGGGACAGGAAAGAGAGAGGGACAGGGGGACCGAGATCGGGACAGGAAAGAGA
 CCGAGACCCAGGCAGGGAGAGGGATCGCAGAGACCAAGCGACACAGCAGAAGCCGGAGTCAAGACACA
 CCTGTACGGGACCGGGTGGGCGCCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001170468
- Insert Size:** 4020 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_001170468.1, NP_001163939.1</u>
RefSeq Size:	4636 bp
RefSeq ORF:	4020 bp
Locus ID:	305884
Cytogenetics:	15p13