

Product datasheet for **MC219647**

Actr5 (NM_175419) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actr5 (NM_175419) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actr5
Synonyms:	AA545173; B430109J19Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219647 representing NM_175419
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCCAACGTGTTCCGCTTCCGAGATGCCGCTCTGCTCCGGATCCCGTGCTCGAAGCCGGGCCGG
 TGGCCTTCGGGTCGACGCCGGTGCCTCTGGTGTGGACAACGGGTCGTTCCAGGCTCGGGCCGGGTGGC
 GTGCCCGGGCCGACCCCGGTCCCGAGCCTCGCCTGCAGTTCGCGCCGTGTGTGCGCGCGGCCGCGGC
 GGGGCGCGCGGGCCGGGGCCGAGGTGGGCAACGCGCTGGGAAGCCTGGAGCCTCTGCGCTGGATGC
 TGCCTCGCCCTTCGATCGCAACGTCCCGGTCAACCTGGAAGTGCAGGAAGTGTGCTGGACTACAGCTT
 CCAGCACCTCGGCGTCTCCTCGCAGGGTGCCTTATCATCCCATAGTTCTGACAGAGGCTGTGTAAAC
 CCCCTCTACTCCCGTCAAATGATGTGCGAGCTCCTTTTCGAATGTACAGGATCCCGAAGGTTGCCTATG
 GGATAGACAGCCTTTCAGCTTCTACCACAACGTGCCAAGAATGCCCTTCCAGCGCCCTCATCATTTT
 ATCCGGCTACCAGTGCACACACATTTACCGGTCTTGGAAAGGAGGCTCGATGCCAAAAGTGAAGCGC
 ATCAATCTTGAGGAAGTCAGGCAGTGGCTACCTGCAGCGGCTTCTCCAGCTGAAGTATCCAGGCCACC
 TGGCAGCCATCACACTCAGCCGATGGAGGAGATCCTGCAGGAGCATAGCTACATTGCCGAGGACTACGG
 GGCAGAATTGCAGAAGTGGCAGTGTCCGATTACTACGAGAACAATGTCCACAAGATGCAGCTCCCGTTC
 TCCAGCAAGCTCCTGGCAGCACACTGACGGCGGAGGAGAAGCAGGAGCGCGGCAGCAGCTGCGCC
 GGCTGCAAGAGCTCAACGCCCGGCGGAGGGAGGAGAAGCTGCAGCTGGATCAGGAGCGGCTGGAGCGGCT
 GTTGTATGTGCAGGAGCTCCTAGAGGAAGGACAGATGGACCAGTTTCACAAAGCTCTGATCGAGCTGAAC
 ATGGACTCCCCAGAAGAAGTGCAGTCTACATACAGAAGCTCACCTTGGCGGTGGAGCAGGCCAAACAGA
 AAATCCTGCAGGCCGAAGCCAGCCTGGAGTGGATGTGGTAGACAGCAAGCCAGAGACCCTGACCTGGA
 GCCGCTGGAACCCACCATGGAGGATGTGGAGAACATCAGTGATTCGAGCCTTTGTTCTCGGAGGAAACG
 CCCGAAGTGGAGAAGCCCAAGTACCACAGTCCAGCCGTTTAACTTGGCAGCGTATCATCAGCTGT
 CTGTTGGGACAGAGAGGATCCGCTCCTCGGAGATTATTTTCCAGCCATCCCTCATAGGAGAGGAGCAGGC
 GGGGATTGCAGAGACCCTCCATTTTGTCTGGACAGGTACCCAAAGGCCATTGAGACACCCTGGTTCAG
 AACGTTTTCTTACCGGTGGAACTGATGTACCCAGGCATGAAGGCCGAGTGGAGAAGGAGCTGCTGG
 AGATGAGGCCCTTCCAGTCTCCTTCCAGTTCAGCTCGCCTCGAACCTGTGCTGGATGCGTGGTACGG
 TGCCCGTACTGGCCTTGGATCACCTAGAAGACAGTGGAGCCTGGGTACCAGGAAGGACTATGAAGAA
 AAGGGGGCGAGTACCTCAAGGAACATTGCGCCTCCAACACGTAGTCCCATCCGCTGCCTAAGCAGG
 CCTCACGTGCCTCAGAGACGCACTTCCGGCCGAGGCTCCAGCGCCAGTGGAAAGTGGGGCTGGTATCA
 GGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_175419

Insert Size: 1827 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:

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_175419.4](#), [NP_780628.3](#)

RefSeq Size: 2381 bp

RefSeq ORF: 1827 bp

Locus ID: 109275

Cytogenetics: 2 H1