

Product datasheet for **MC223942**

Actl11 (NM_026338) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Actl11 (NM_026338) Mouse Untagged Clone
Tag: Tag Free
Symbol: Actl11
Synonyms: 4921517D21Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223942 representing NM_026338
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGACACCAAGAAGGTGGGGGGCCCTGATCCATCGGGCCCCAGGGCCATCCACTGCCTAGCAGCC
AGCAGCTAACGGGTGGCTTCAAAGTGTCCAGGGACCATGGATGAACCCTAAATCCCTCTACTCGAAGCA
AGGGCTGTCACTCTCCACGGGGCCATCAACTCAACCTCTCAGGCTCCTGCCTCTCAACCATGCTTCAA
CTACTCCATAATTCTGCTCAGGTCAACTCCCAGTGTGACTATGCACGGGCTCCAGGACACCTCGAGAT
TCTCTTCTAACCCATACCCAAACCCGTTGTGGGAACCCAGGAGCATCTCCTCATGGATGATGGGACTCA
GACTCTGCCAATGCCCCAGACAACAACGGCACAGATGACAAAGCCAGTACAGATTCAACCTCTCCAG
AATCAGTTACAGATTGGGAGGGAGAGCAAGGCTCCAGCTAAAGTCCTGGTAGGCTGGGGCAAAGGAACCT
GTAACATTGGCCAGATGGCCTCTGAGGGCTCCAGAAAGAGTCGATGGCTACCCTACTTCTCTCGGGAGA
GAGTGGTGTAGTTGAAGGTCAAGCACCTTCTGACTCAGGCTCCAGTCCAAGATCAGAGGCAAGACAAG
TGTCCATGTCTGGCTCAGTCTCCACCCATAACAAGGCGACTTCTCACCGTCACTGCCTTTCACACCT
CAGTGCCAGCTTCTGTGCGAGTGTCAACGGATTACCAGCACCTGCCGCGAGTTAAACCTTACACCTATAG
TCCCAACTACCTGACTAATACCACTGCAGCCGCTAAAGACCTGCCTCTTGATCTAAGGAACGGGGCAAC
CAATTGTCTGTTCTCTCAGATCCTTCCAAAAAGGACAAAGTATATTTTTTCTTAAGGAGACTCCTCCCA
CTCCAACATCTAGTCCAGCAGAATTTTCCACCAAAATCCAGGACCAAGAAGTTGCCAAGGTGCAGGTGCC
AATCCAGCAATCTGAGTACCCTGCAAAGAAGTGTCTAGTCTCCAGGCTAGACACCTTAACATCAACCTCA
GAGCCTCTAGACTCTTTCAAGATACAGGAGAATAGCCACAAGGTTTGCAGCTCTCATCCAGACAAGCAGC
CCCCAATGCCTGCAACAACAACACTGCTCTAACGTGCCACTGCCGGTCTACAAGGAGCTACAGCAA
GCATTCCCTTCCCAGTCTCCAGAGGAGTCATACAGAGTCCCATTTCTGGCGCCCCAACCTGCCAGCTC
CAGGATGCTGTAGAAGACCATGTGCTGGTATTTGATATGGCCACAGGCAATACAAGGATGGGTTGTGT
GCCATGATCCCATGGGCTCACGGGAGTCTGTAGGTCTCACACCCAGCCACCCATCAAATCATGTTTC
TGATAATACGCTGTCTGCTTGGTCATTATCCAGGCCAATTCTCTCCCCTAACAGTGATCACCCAGCCTC
TGGTCTACCACAGCCGTGCTGTCTAGCCCTGTACCCTCCAGTCTCTCAGTGGAAGCTACCGAGAGGTAG



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CCCTGGTTTCCAAGGAGGCCAAACATAATCTAGAGCCACGGACTTCCCCTGGCACCGAAAGCCCTATCAG
 AATGCTTGCCAGACCTGTTGTACCGGGGACACCCATCCAATATGGTGAAAAGATATCAGCCCAAGTTCT
 GATCCTAGCTGGCCAAATCTGATGCTGAAAAGATGGGCACCGACCACACTATCTGGAAGCTGGACAGTC
 CCACGGTCCAGCCTAGGAAGTTGCAAGTAAAGCCAGATCCTGTTTCAACAGTCGATATCCAGGTAGT
 GTCCAGATCGCCACTCCAGGAGAAAGCAGGCAGCACTAACCAGCAAGCAGCTCACCTAGTGTTCCTCAG
 GCTGAAGTACTGGACAAGTCTTCTCACTGGACAGAGTTTCTCAATGGGCAGAACCTCCTGGCTAGAC
 AACCCACTGTAGCTGAGCAGGGCTCCCTATCTGGTCAGTTCCTCTACCAAGCAACTCCCATTACCTG
 TGCGCCTCATCTCAATGAACAGACTCCTCTTCCAGACAACCTTCCCTCACTAGACATGTGCCCGTCCCA
 GTGAAGCCTCCCACCACCAAGAGCCCCCTTACCTCTGGGGAGCCCATCCAGCCTCAAGAGAATGAAC
 CTTTGTGCAATGCTACACATGTGGGAATACTCAGAGTACCCTGACTCCTGAGGGGACCTGTCTTTACGT
 GAATAGAGATAAAGTTGAAAACAATAGGGTTCAAAGGTCCAGCATAAATCAGCCCAGTCTGGCAACCT
 AGCAATCCCATAGGGCCAGCAGGAACAACCTTTCTTTGATCACGTTTACTGGTTGAAGGATTTGCCCA
 TATCCATGGTGGCCACTGAGTCCACAAATGGACACCAGTCAAGATGACCTCTGAGGACATTACACACGC
 ATCAGTGGTTGCTCACCTGGCCTTCTCCGCGGGAAGTGTATGAGTTAGTATCCACTGTGGACACTGTA
 CCAGTGAATCAGCTGTGCTCTGTAACCGCTCCTCCAGCCCCTACCAGAAAATGGCGGCCATCGTGATAG
 ATACTGGCACAGGATTTACCAAATGTGGACTGGCCCAAGAGAACCATGTCTCAGTGTGGTACCCTCACA
 AGTCCAGATGCTGCAACACCCACCCAGGGCCAGCCCAATATGTGGTACCCGAACCAAGAGGGCTCC
 TACTCAGTACTGAACCGAGGAGTGTCTGACTGGGACGCTCTAGAGGTGCTGTGGCAACACCTGTTCT
 ACTGTAAACTGAAAGTGCAGCCTGAGGAGATGGCCGTGCTTGTGGCTGACTCCCCATCTCACCACGAAC
 CAACAGAGAGAAGGTGGCCGAAATACTTTGAGCGTTTCCATGTGCCAGCTATGCAGACAGTTCATCAG
 GCTCTGTTAACGCTCTATGCTTATGGGCGCACCCTGGCTGCTTGTGGGAAGCGGCCATGGGACCTCCT
 ACGTGGCACCCATCATCACTGGGACCTGGCTCCAATTGACACCTACCGGCTGGATGTGGTGGTGCTGA
 CCTCAGTATTACCTGACTCAGTACTCTTGTCTGGTGGCCACTCGCTACCCAAGGAGGGATCATCAGA
 CAGATTAAGAGGCCTGCTGTTACGTGGCTATGGATACAGCAACTGAGATGGCCCGGAACCAAGTCCAGG
 TTCAGGTGGACTTTGTGCTCCCAGATAAGCATGTTATCACAAGTGGCTCCGAGCGCTTCTGTTGCCCGGA
 GGCTCTCTTTCAACCCAATCTGCTAGGTCTCAACCAGCTAGGCCTTCCACAGCTGGCCCTGCTAAGCATC
 AATCGGTTGGAGGTCAAGCAGCAGGAGCAGTGTGGCCAAATGTGGTGTGGAAGGTGGTGCACCCCTGA
 TAAATGGTTTCCCTGAGCGCATGAGACAGGAGCTGGGTCTGGTCCACTGTGCTGGGTTCTCCCCACCG
 TGCAGTTGCTGCCTGGCTTGGGGTTCCATCATGGCATGCCGGGACTCCTTCAAAGCCTGTGGCTCACT
 CGCAGGGAATATGAAGAGGAAGGCCCGTGGCTGTCTACAAATATCAGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_026338

Insert Size:

3624 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_026338.3](#), [NP_080614.1](#)

RefSeq Size: 3993 bp

RefSeq ORF: 3624 bp

Locus ID: 67722

Cytogenetics: 9 F1