

Product datasheet for **RN202176**

Actl11 (NM_001024788) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actl11 (NM_001024788) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Actl11
Synonyms:	RGD1310036; Tact3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202176 representing NM_001024788 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGACACCAAGAAGGTGGGGGCCCTGATCCATCGGGCCCCAGGGCCATCTACTGCCTAGCAGCC
AGCAGCTGAGGGTGGTTTCAAAGGTCCAGGGACCATGGATGAACTCCAGACCCCTCTACTCGAAGCA
AGGGCTGTCACTGTCCACCGGGGCCATCGCTGATATGGCTGCAGCTCAATCTCCAGGGCCCTGCCTCT
CAGCCCCGCTCCAATACTCCATAATTCTGCTCAGGTCACTCCAGTGTGACTATGCACAGGCCCTCC
AGGACACCCCGAGATTCTTTCTAACCCATTCCCAAACCCCACTGTGGGAACCAAGAATCTCCTCAT
GGATGATGGGACTCAGACTCTGCCGATGTGCACAGACGACGACGCTGATGACCAAGGCCAGTACAAACTC
AACCTCTCCAGATTCACTTACAGATTGGGAAGGAGAGCAAGGCTCCAGCTAAAGTCTGGTAGGCTGGG
GCAAAGGGACCTGTAACCTTGGCCAGATGGCCTCTATGGGCTCCAGGAAGAGTCGATGGCTACCTACTT
CCTCTCGGAGAGAATGGTGTAGTCGAAGGTCAAGCACCTCTTCTGACTGTGACTCAGGCTGCAGTGCAA
GATCAGGGGCAGGACAAGGTCCATGTCTGGCTCAGCCTCTACCCCAAATAAGGCGACTTCGTACCCGT
CATTGCCTCTTCAATCTCAATTCGGCGTCTGTGCGAGCTCTCAGTGGATTACCAGCACCTGCTGCAGT
TAAACCTTATGCCTATTGTCCAACTACCTGACTAATGCTGCTGCGGCCACTAAAGACCTGCCCTTGAT
CTCAAGAACACGGGGCAACCAATTGTCTGCTCTCAGATTCTTCAAAAAGGACAACTGTATTTT
TCCTTAAGGAGACTCTCCCACTCCAGTACCTAGTCCAGCGGAATTTTCACCCAAATCCAGGACCAAGA
AGTTGCCAGGATGCCAGTGCCAGTCAAGCCATTTGAGGACCTGCAAAGAAGTGTCTAGTTCATGCCTCC
AGGCCAGATCCCTCAACACCAGCCTCAGAGCCTCTAAACGCTTTCAAGACACAGGAGAATAGCCACAAGC
TTTGCAGCTCTCAGCCGACAGCAGCCCCCAATGCCTGCAACAACAACAATTGCTCTAATGTGCCACT
GCCCCCCTACAACAAGGAGCCTACAACAAGCAGCCCCTACCCAGACTTGACAGAGGAGTCATACAGAGT
CCCATTCTGGTGCCCCGACCTGCCAGTCCACGATGCCGTGGAAGACCATGTGCTGGTATTGATATGG
CCACAGGCAACACCAGGATGGGGTTGCTGTGCCATGATCCATGGGCTCACGGGCAGTGCTGTAGGTCT
CACACCCAGCCACCATCGACTCATGTTTCTGAAAATACGCTGTCTGCTTGGTCATTACCCAGGCCAATC



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CTCTCCCCTAACAGTGATCACCCAGCCTCTGGTCTACCACGGCCGTGCTGTCTAGTCTGTACCCCTCTA
GCCTCTCAGCTGGAAGCTATAGAGAGGTAGCGCTGGTTTCCAAGGAGGCCAGACACAACCTAGAGCCACG
GTCCCTGGGCACTGAAAGCCCTATGAGGACGCTTGCCAGATCTGGTGTACCGGGGACACCCGTCCAGTAT
GGTGAGAAGATACCAGCCCCAGCTCCTGATCCTAGCTGGCCCAATCTGATGCTGAAAAGATAGATACTG
ACCGCACCATCTGGAATTGGACAGCCCCGTAGTCCAGCCTAGGAAATTGCAGTGGATAAAGCCAGATCC
TGTTTCAACAGCTGATACCCAGATAGTGTCCAGACCTCCACTCCAGGACAGAGCAGGCATCAATAACCAG
CAATGGTTTACCCTAGTGGCCCTCAGGCTGAAGGTGCTGGACAAGTCTTCTCACTGGTCAGAGTTTCC
TTAATGGGCAGAACCTCCTTGCTAGACAGCCACCTGTAGCTGAGCAGGGGTCCCTATCTGGTCAGCTCCC
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TCCCTCACTAGACATGTGCCATCACAGTGAAGCTGTCCCCACCAAAGAGCCACCTTCAACTCTGGGG
AGTCTGTCCAGCCCTCTACTCAAGAGAACGAACCTTGTGCAATCCTACACATGTGGGAATACTCCGAGT
ACCCCTGGCTCCTGAAGAGGCTGTATTTATGTGAACAGAGATAAAATGGGAAACAACAGGGCTCAAAGA
GCCAGCATACCTCAGTCCCCATCCTGGCAACCTAGTGATCCCCACAGGGCCAGCAGGAACAACCTTTCTT
TGATCACGTTTACTGGTTGTAAGGATTTGCCATATCCATGGTGGGCACTGAGTCCGCGAATGGACATCA
GATCAAGTTGACAACCGAGGACATGACACGCCCTCAGTGGTTGCTCACCTGGGTCTCCTCCGAGGGAAC
TGCTATGAGCTAGTATCCACTGTGGATGCTGTACCAAGTGAACCGGCCATGCTTTGTAACCGCTCCTCCT
TCCCTTACCAGAAATGGCGGCCATAGTGATTGATACTGGCACAGGATTTACCAATGTGGACTGGCTCA
AGAGAACCATGTCCTCAGTGTGGTACCCTCCCAAGTCCAGATGCTGCAACACCCACCCAGGGCCAGCCC
CAATATGTGGTGCCAGAACCAAGAGGGCTCTTACTCAGTACTGAACCGAGGCGTCGTCTCTGACTGGG
ACGCTCTTGAGGTGCTGTGGCAACACCTGTTCTACTGCAAAGTGAAGTGCAGCCGAGGAGATGGCTGT
GCTTGTGGCTGACTCCCCATCTCACCACGGACCAACAGAGAGAAGGTTGCCGAAATACTCTTTGAGCGT
TTCCATGTGCCAGCTATGCAGACAGTTACCAGGCTCTACTAACGCTCTATGCTTATGGCCGTACCACTG
GGCTGGTGGTGGGAAGTGGCCATGGGACCTCCTATGTGGCACCCATCATCACTGGGACCTGGCTCCACT
CGACACCTATCGGCTGGATGTGGCTGGTGCTGACCTCACTGACTACCTGGCTCAGCTCCTGATGTCAGGT
GGTCACTCGCCACCCAAGGAAGGATTGTGAGGCAATCAAAGAGGCCTGCTGTTATGTGGCTATGGACA
CAACAAGTGAAGTGGCCGAAACCAAGTCCAGGTTGAGGTGGACTTTGTGCTCCAGATAAGCATGTTAT
CACACTGGGCTCCGAGCGCTTCTGTTGCCCGAGGCTCTCTTTCAACCAATCTGCTAGGTCTCAACCAAG
CTAGGCCCTTCCCAGCTGGCCCTGCTAAGCATCAGCCGGCTGGAGGTCAAGCAGCAGGAGCAGCTACTGG
CCAATGTGGTGTGGAAGGTGGTAGCACCTGATAAATGGTTTCCCTGAGCGTATGAGACAGGAGCTGGG
TCTGTGGTCCACTGTGCTGGGTTCTCCCCACCGCGCAGTTGCCGCTTGGCTTGGGGGCTCCATCATGGCA
TGCCGGGACTCTTCCAAAGCCTGTGGCTCAGTCGCAGGAATATGAAGAGGAAGGCCCGTGGGCTATCT
ACAAATATCAGCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001024788

Insert Size:

3657 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_001024788.1, NP_001019959.1

RefSeq Size: 3745 bp

RefSeq ORF: 3657 bp

Locus ID: 316000

Cytogenetics: 8q32