

Product datasheet for **RN204396**

Actr3 (NM_031068) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Actr3 (NM_031068) Rat Untagged Clone
Tag: Tag Free
Symbol: Actr3
Synonyms: Arp3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204396 representing NM_031068
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGGACGGCTGCCGGCCTGTGTGGTGGACTGTGGCACGGGATATACAAAAGTAGGATATGCTGGAA
ATACAGAACCACAGTTTATCATCCCATCATGTATTGCCATTAAGAGTCTGCAAAAGTGGGTGATCAAGC
CCAGAGGAGGGTATGAAAGGCGTGGATGACCTAGACTTCTTCATTGGTATGAAGCAATAGAAAAGCCC
ACATATGCAACAAAGTGGCCAATCCGCCATGGTATAGTTGAAGACTGGGACTTAATGGAAAGTTTATGG
AGCAAGTGATTTTTAAATATTTAAGGGCAGAACCTGAAGATCATTACTTTCTTTTACTGAACTCCACT
GAATACTCCAGAAAACAGGGAATATACTGCTGAGATAATGTTTGGTCCCTCAATGTTCCAGGCCTGTAC
ATTGCTGTGCAGGCTGTTCTTGCCTTAGCTGCATCCTGGACCTCAAGACAAGTAGGAGAGCGGACTGA
CGGTACAGTAATAGACAGTGGAGACGGAGTCACTCATGTCATTCTGTGGCTGAAGGATATGTTATCGG
CAGCTGTATTAACACATTCCAATCGTGGAAAGAGATAAACATATTTTATTCAGCAACTGCTGAGAGAC
CGAGAAGTAGGAATCCCTCCTGAACAGTCTTGGAACTGCAAAAGCAGTGAAGGAGCGCTACAGTTATG
TCTGCCAGATTTAGTAAAAGAATTTACAAGTATGACACTGATGGGTCAAAGTGGATCAAACAGTACAC
CGGAGTCAACGCCATCTCAAAGAAGGAATTCCTCATTGATGTTGGCTACGAGCGATTTCTGGGACCGGAG
ATCTTTTTCCATCCAGAGTTTGCTAATCCAGATTTTACACAACCTATCTCAGAAGTTGTAGATGAAGTCA
TTCAGAATTGCCCATGATGTCCGGCCTCTCTACAAGAACATTGTCTCTCTGGTGGTTCAACCAT
GTTCCAGGACTTTGGACGTGTTTGGAAAGAGATCTGAAGAGAAGTGTAGATGCCAGGCTGAAGTTGAGT
GAGGAGCTGAGCGGTGGCAGATTGAAGCCCAAGCCTATTGATGTACAAGTTATTACACACCACATGCAGC
GGTATGCAGTCTGGTTGGAGGATCAATGCTGGCTCCACGCCTGAGTTCTACCAAGTATGCCACACCAA
AAAGGATTATGAAGAAATCGGACCTAGCATTGTGCTCACAATCCAGTGTGGAGTCATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_031068
Insert Size:	1257 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:	<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:	NM_031068.1 , NP_112330.1
RefSeq Size:	2114 bp
RefSeq ORF:	1257 bp
Locus ID:	81732
UniProt ID:	Q4V7C7
Cytogenetics:	13q12
Gene Summary:	actin related protein that may participate in the organization of filament/membrane adhesions [RGD, Feb 2006]