

Product datasheet for **MC205658**

Actr1a (NM_016860) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actr1a (NM_016860) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actr1a
Synonyms:	alpha-Arp1; Arp1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC007131
 CCGACGCGTGGGCGGACGCGTGGGTGCGGACCGGGCTGGCAGTTCCTTCCTCGGAGGGAAAAGATTCCTCT
 GCCATGGAGTCTACGATGTGATCGCCAACCAGCCTGTTGTGATCGACAACGGATCCGGTGTGATTAAG
 CTGGCTTTGCTGGTGATCAGATCCCAAATACTGCTTTCCAACTATGTGGGCAGACCCAAAATGTTCCG
 TGTCATGGCAGGAGCCCTGGAAGGTGACATCTTCATTGGCCCCAAAGCGGAGGAGCACCGGGGGCTGCTG
 TCAATCCGTTACCCCATGGAACATGGCATCGTCAAGGACTGGAACGACATGGAACGCATCTGGCAATACG
 TCTACTTAAGGACCAGCTGCAGACTTTCTCAGAGGAGCATCTGTGCTCCTAACGGAGGCACCTTTAAA
 CCCTCGAAAAAACCGGGAGCGAGCTGCAGAAGTCTTCTCGAGACCTTCAATGTGCCGGCCCTCTTCATC
 TCCATGCAAGCCGTGCTGAGCCTTTATGCCACGGGCAGAACCACAGGCGTGGTGTGGATTCTGGGGATG
 GTGTCACCCATGCAGTCCCGATTATGAAGGCTTCGCCATGCCTCACTCCATCATGCGCATCGACATCGC
 TGGCCGGGATGTCTCGCCTTCTCCGCCTCTACCTACGGAAGGAGGGCTATGATTTCCACTCCTCCTCT
 GAGTTTGAGATTGTCAAGGCCATAAAGGAAAGAGCTTGTACCTGTCCATAAACCCCCAGAAGGATGAGA
 CACTGGAGACAGAGAAGGCTCAGTACTACCTGCCGATGGCAGCACCATTGAGATTGGCCCTTCCCGTT
 CCGGGCCCTGAGCTGCTGTTCCAGGCCGACTTGATTGGCGAGGAGAGTGAAGGCATCCACGAGGTGCTG
 GTGTTTGCTATCCAGAAGTCAGACATGGATTTACGGCGTACACTGTTTTCTAACATTGCTCTCAGGAG
 GTTCTACCTGTTCAAAGTTTTGGAGACAGGCTACTGAGTGAAGTGAAGAACTAGCTCCAAAAGACGT
 GAAGATCAGGATATCTGCACCCAGGAGAGACTGTATTCCACATGGATTGGAGTTCTATCCTTGCTTCC
 CTGGACACCTTTAAGAAGATGTGGTCTCTAAGAAAGAAATATGAAGAAGACGGTGCCCGATCCATCCACA
 GGAAAACCTTTAACGTTGCAACATCACCACCTCTCTGAAAGTTAACTCCACTTTAAAACCTCGCTTTCT
 TGAGTTGGAGTGTGTTGAGAGGAACTGCCTGTGTGTGTAATGAGTGTGGGTATGTATGAGTGTGTGAG
 ACTATCGAGTCCCGTGTGGCCAGAGATCTGGGCCAGAGAGGACATTGAACTACCCACGATGGTGACG
 GCCTGAGGCCCTGGGTTGACTACTAACTGACCCCTTACAGGAAGAGCTCTGGCAGAGGCCACTCCTCTC
 TCAGACCAGCCCTTGTCTGGCTGTGCGGAACTATGGTTACTACCATAGAGAGACCTTGCTGCTGCCGATC
 TAGGCTGGGCTGGCCCCACCCACCCCTCCACCCGAGTGCCCTGAGGTCTGAGGCTGCTGCTGTCTCC
 CCTGCTCATCCTTCTGTGCTGTCCATGCCTCTGGGGGGCGGGTTAAGTTCTGCCCGTTTTGTTTCAGT
 TTGGGTTTGGGAGACTGAAAAGCAGTCTAGCCGTGGTTAGAGACTGGGTTCAAGAGAGAGCAGGGTACA
 CTCGTGTCCACCTGGGAACCAGGTAGGGATTAGGACCACACTGGGCATTTGAGGACAGGAGATAGCTTCA
 GGGTTAATTTACAAGCCCAAGCCACATCCAGGGCCCTGAGACACTGTAAGGACTGTGGCTGCAGGTCC
 TGCTGTTGGCTTCTCCTACGCTCGTTTTCGATGCCATCATCACGGTTTTATTTATTGACGTGTTTGTTC
 AGTAAAGGGACTACAGAGAGGGCTCGTGTCTCCTACCCACAGTCACCTTGCTTACACTAATGTTTACA
 GCACCTAGGTTTTCCATAGCATCCAGGCCCTGTGATTCCCTGCTGATGGAGAAGTACAGTATTATGAG
 GCCTCAGGACCCTGTGATTGGAGGCTGCACAGGAAGGCACTCCAGCCAGCCTCTTCTTTCTCCTAACCC
 CACTTGCCTACTGCCCTGGAACCAACAGGCTGGTTGTGGTTGGATTTTCTAAGACAGAAAGTAGCATCTC
 TCTGTGGCAGAGGTCCCTTGGCAGGGAGGTGTGTTGGAGACTAGACCCTTTAAAACAAAGCAAGCTGCA
 GTTAACCATGTTGCCCTTTGCCACTCTAATTGACCAGTGGACTAAATGGCAGGGAGGCCCTTCTGGGTT
 GGTCCAGATTGAAGAGAAGGGGCTGACCAAAGTGCCAAGACCTAATGGGTGCCAGCCTTGCTCTCAGAAGT
 GGTCCAAGGGCCTTTGCGCCTGGTACAAGCTAGGGTGAGCCTGTCTTACCAGGCACCTCACCCGTGACA
 CCAAGTCTCACCTCAGTCCAGATTCCAGACAGTATTCTTTCTCCGCCATCCTATGACCAAAGGCCCTG
 CCAGATGTAAGCGAAGCTGGTGTGTGGAATCAGTGTGGCAACCCATGGACTGCAGTGGCATAACCA
 GCTCACCTCTTAGCCCAAGCCTGTCCCTTGACACAGCCTCGCGAAGCCACTTTGCCTGGTGGGGCCAGTG
 TACTTAAATAAAGTCGTTCCAATAGGTAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: NM_016860

Insert Size: 1131 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:	<u>BC007131</u> , <u>AAH07131</u>
RefSeq Size:	2782 bp
RefSeq ORF:	1131 bp
Locus ID:	54130
UniProt ID:	<u>P61164</u>
Cytogenetics:	19 C3
Gene Summary:	Component of a multi-subunit complex involved in microtubule based vesicle motility. It is associated with the centrosome.[UniProtKB/Swiss-Prot Function]