

Product datasheet for **MC205358**

Actr8 (NM_027493) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actr8 (NM_027493) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actr8
Synonyms:	5730542K05Rik; ARP8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027281
 AGCCCCGGGGCTGGTGGTGGTCCACGGTGGCAGAGATGACCCAAGCCGAGAAGGGGGACGCGGAGAACGG
 GAAGGAGAAGGGCGGGGAGAAGGAGAAGGAGCAGCGCGGCGTGAAGCGGCCCATCGTACCCGCGTTGGTC
 CCCGAGTCGCTGCAGGAGCAAATCCAGAGCAACTTCATTGTTGTCATACACCCAGGTTCAACAACCTAA
 GACTTGGCCGAGCCACAGATAACACTTCCGGTCAGTGTTCCTCACGTCATTGCACGAAGACACAAACA
 AGGGCAGCCCCGTACAAGGACAACCTGGCTCCTAAGGGAAGGACTAAATAAACCTGAAAGTAAATGAACAA
 AGACAAAATGGCCTTAAAATGGTGGACCAAGCAATATGGTCTAAAAAGATGTCAAACGGTACAAGCGGA
 TCCTGTGTACCAGAACAGACAGCTCCTACAACAAGCAGATGCGACCTGCCATTCTAGATCACTGTTC
 TGGAAACAAATGGACAAACACATCTCAGCAGCCTGAGTATTTGGTAGGAGAAGAGGCCTTGATGTTAAC
 CCCCTGGACTGTTACAACATTCCTGGCCTATCAGAAGGGGTGAGCTGAACATCCACCCAGGCCCCGGAG
 GCTCCCTCACAGCTGTTCTGGCAGACATTGAAGTGATCTGGTCTCATGCAATACAAAAGTATTTGGAAAT
 CCCACTGAAAGATTTAAAGTATTACAGGTGCATCTTGTTAATCCAGATATCTATAACAAGCAGCATGTG
 AAAGAGCTGGTCCATATGATACTGATGAAGATGGGCTTCGAGGGATTGGTCCATCAGGAGTCTGTGT
 GCGCTACGTTTGGGAGCGGCTTGGCAGCACCTGTGTTGATGTTGGGGACCAGAAAACAAGTGTGTG
 CTGTGTAGAGGATGGGGTGTCTCATCGGAACACACGGCTTGTCTGGCCTATGGGGGCTCTGACGTGTG
 AGGTGTTTTACTGGCTCATGCAGCGAGCGGGATTCCCTTACAGAGAGTGTGAGCTGACAAAATAAATGG
 ATTGCCCTCCTCTGCAGCACCTTAAAGAAACCTTTTGTCAATTTAGATCAGGATATCTCCGGACTTCAGGA
 CCATGAGTTTTAGATTCCGGCATCCGGATTCCCCTGCCCTGCTTTACCAGTTTTCGATTAGGAGATGAAAAG
 CTCCAGGCTCCAATGGCGCTTTTTTACCAGCAACCTTTGGGATCGTGGGACAGAAGATGACCACTCTGC
 AGCACAGTCCCAGGGAGACCCTGAGGATCCCCATGATGAGCACTACCTGCTGGCCACCCAGAGCAAGCA
 AGAACAGTCTGCAAAAGCCACTGCTGACCGCAAGTCTGCATCCAAACCCATTGGATTTGAAGGGGATCTG
 CGTGGCCAGTCTCTGATCTTCCAGAAAGACTCCATTCCAGGAGGTGGACCTGGCTTCTCTCAGGGAG
 ACTGTTTGTGGCGGCAATGAGTCCGAGGAAGCCCTCACTGCATGATGTCCAGGAAAACATGCCATCTC
 GCTGTTTGAAGGGAAAGCCTTGGGCCTTGATAAGGCCATCCTGCACAGCGTAGACTGTTGCTCATCCGAT
 GATACCAAAAAGAAGATGTATAGCTCTATCCTGGTTGTGGGAGGCGGTTTGTGTTTCATAGGCTCAAG
 AGTTTCTCCAGCACAGAATTCTCAACAAAATGCCACCTTCATTACAGGCGAATTATTGAAAACGTGGATG
 GATCACAAGGCCAAGGACATGGACCCCGGCTGATCGCATGGAAGGAGGTGCAGTACTGGCGTGTGTTG
 GACACCACTCAGGAAGTGGATTTATCAGCGAGAGTGGCAACGCTTGGTGTCCGAATGTTACGGGAAC
 GAGCTGCCTTTGTGGTAAAACCAACCGAGTCTCAGGACATAAAAGACTTAAAGAGTGTATGTATT
 GTAAGTTATTGACCACGAAGCTAATTTTCTAGAAATTAATTAATGCAATTTTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027493

Insert Size: 1875 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: [BC027281](#), [AAH27281](#)

RefSeq Size: 2029 bp

RefSeq ORF: 1875 bp

Locus ID: 56249

UniProt ID: [Q8R2S9](#)

Cytogenetics: 14 A3

Gene Summary: Plays an important role in the functional organization of mitotic chromosomes. Exhibits low basal ATPase activity, and unable to polymerize (By similarity).[UniProtKB/Swiss-Prot Function]