

## Product datasheet for **MC208103**

### Actc1 (NM\_009608) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Actc1 (NM_009608) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actc1
Synonyms:	Actc-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208103 representing NM_009608 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGTGACGACGAGGAGACCACCGCTTTGGTGTGTGACAATGGCTCCGGGCTGGTGAAGCCGGCTTTG  
CGGGTGATGACGCCCCAGAGCTGTCTTCCCGTCCATCGTGGGTCGCCACGTCACCAGGGTGCATGGT  
GGGTATGGGACAGAAGGACTCTTATGTAGGTGATGAAGCCAGAGCAAGCGAGGTATCCTGACTCTGAAG  
TACCCATTGAACATGGCATTATCACCACTGGGATGACATGGAGAAGATCTGGCACCATACATTCTACA  
ATGAGCTCCGTGTGGCCCAGAGGAACACCCAACCTGCTCACTGAAGCCCGCTGAACCCCAAGGCCAA  
CCGTGAGAAGATGACCCAGATCATGTTTGAGACCTTCAATGTGCCTGCCATGTATGTCGCCATCCAGGCA  
GTGCTGTCTCTGTATGCTTCTGGAAGAACCACAGGCATTGTTCTGGATTCTGGCGATGGTGAACCTATA  
ATGTTCCCATCTATGAGGGTTATGCCTTACCCCATGCCATCATGCGCCTGGATCTAGCTGGTCGGGACCT  
CACTGACTACCTCATGAAGATCCTCACTGAGCGCGGGTACTCCTTTGTCACCACTGCTGAACGTGAAATT  
GTCCGTGACATAAAAAGAAAACTGTGTTACGTGCGCCTGGATTTTGAGAACGAGATGGCCACAGCTGCAT  
CTTCTCTCTCTGGAGAAGAGCTATGAACTTCTGACGGCCAGGTCATCACCATTGGCAACGAGCGCTT  
CCGCTGTCCAGAGACTCTTCCAGCCCTCTTTCATTGGTATGGAATCTGCTGGCATTATGAACTACT  
TACAACGACATCATGAAGTGTGACATCGATATCCGAAAGACCTGTATGCCAACAATGTCCTATCTGGAG  
GCACCACCATGTACCCTGGTATTGCCGATCGTATGCAAAAAGGAAATCACTGCACTGGCTCCAGCACCAT  
GAAGATCAAGATTATTGCTCCCCCTGAGCGTAAATACTCTGTCTGGATTGGGGGCTCCATCCTGGCCTCT  
CTGTCCACCTTCCAGCAAATGTGGATCAGCAAGCAAGATATGATGAGGCAGGCCATCCATTGTCCACC  
GCAAGTGCTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_009608
<b>Insert Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">BC100600</a> , <a href="#">AAI00601</a>
<b>RefSeq Size:</b>	1408 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	11464
<b>UniProt ID:</b>	<a href="#">P68033</a>
<b>Cytogenetics:</b>	2 57.55 cM
<b>Gene Summary:</b>	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.[UniProtKB/Swiss-Prot Function]