

## Product datasheet for MC218532

### Actr5 (BC052039) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Actr5 (BC052039) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actr5
Synonyms:	AA545173; B430109J19Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC052039 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGGCCAACGTGTTCCGCTCCGAGATGCCCGCTCTGCTCCGGATCCCGTGCTCGAAGCCGGGCCGG  
TGGCCTTCGGGTGCGAGCCGGTGCCTCTGGTGTGGACAACGGGTGTTCCAGGCTCGGGCCGGGTGGC  
GTGCCCCGGGCCGACCCGGTCCGAGCCTCGCCTGCAGTTCGCGCCGTGTGTGCGCGCGCCGCGCCG  
GGGGCGCGCGCCGGCCGGGGCCGAGGTGGGCAACGCGCTGGGAAGCCTGGAGCCTCTGCGCTGGATGC  
TGCCTCGCCCTTCGATCGCAACGTCCCGGTCAACCTGGAAGTGCAGGAAGTGTGCTGGACTACAGCTT  
CCAGCACCTCGGCGTCTCCTCGAGGGCTGCGTTGATCATCCCATAGTTCGACAGAGGCTGTGTGTAAC  
CCCCTCTACTCCCGTCAAATGATGTGCGAGCTCCTTTTCGAATGCTACAGGATCCCGAAGGTTGCCTATG  
GGATAGACAGCCTCTTCAGCTTCTACCAACGTGCCAAGAATGCCCTTCCAGCGCCTCATCATTTTC  
ATCCGGTACCAAGTGCACACACATCTTACCGGTCTTGGAAAGGAGGCTCGATGCCAAAAGTGCAGCGC  
ATCAATCTTGAGGAAGTCAGGAGCTGGCTACCTGCAGCGCTTCTCCAGCTGAAGTATCCAGGCCACC  
TGGCAGCCATCACACTCAGCCGATGGAGGAGATCCTGCAGGAGCATAGTACATTGCCAGGACTACGG  
GGCAGAATTGCAGAAGTGGCAGTGTCCGATTACTACGAGAACAATGTCCACAAGATGCAGCTCCCGTTC  
TCCAGCAAGCTCCTGGGAGCACACTGACGGCGGAGGAGAAGTGCAGCTGGATCAGGAGCGGCTGGAGCGGT  
GGCTGCAAGAGCTCAACGCCCGGCGGAGGAGGAGAAGTGCAGCTGGATCAGGAGCGGCTGGAGCGGT  
GTTGTATGTGAGGAGCTCCTAGAGGAAGGACAGATGGACCAGTTTACAAAGCTCTGATCGAGCTGAAC  
ATGGACTCCCCAGAAGAACTGCAGTCTACATACAGAAGCTCACCTTGGCGGTGGAGCAGGCCAAACAGA  
AAATCCTGCAGGCCGAAGCCAGCCTGGAGGTGGATGTGGTAGACGAAGCCAGAGACCCCTGACCTGGA  
GCCGCTGGAACCCACCATGGAGGATGTGGAGAACATCAGTGATTCGAGCCTTTGTTCTCGGAGGAAACG  
CCCGAAGTGGAGAAGCCCAAGTACCACAGTCCAGTTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	BC052039
<b>Insert Size:</b>	2160 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>RefSeq:</b>	<u><a href="#">BC052039</a></u>
<b>RefSeq Size:</b>	2949 bp
<b>RefSeq ORF:</b>	1301 bp
<b>Locus ID:</b>	109275
<b>Cytogenetics:</b>	2 H1