

## Product datasheet for **SC123358**

### ACTL9 (NM\_178525) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ACTL9 (NM_178525) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACTL9
Synonyms:	HSD21
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_178525 edited  
 ACTGGCCGGGCTCAACCTCTTCTCCCCACAACCCCAACCCAGAGGAAAAGCCCCCTCA  
 CCTGGCGTCCCGCAACCATGGATGCAAGTCGCCCAAGTCTCGGAATCCAGTCTCC  
 TGGAGGCCCCAGGCCCGGCCAAACCCAGTCCCAACGTGGTGAACAAGCCCTGCAGC  
 GGGACTCCCCCGCATGGTGGCCGACAGGCTGCCACAAAGACCGCGCGGTGGTTATTG  
 ACATGGGCACAGGCACCTGTAAGGTAGTTTTGCTGGGCAGGCCAGCCACCTACACCG  
 TGGCCACCATCTGGGCTGCCAGCCAAAGAAACCCGCCACCTCGGGCAGTCCGGGCTGC  
 AGACGTTTCATCGGCGAGGCAGCCCGCTGCTCCCAGAGCTGACGCTGGTGAACCCCTGC  
 GCAGCGGCATCGTCGTGGACTGGGATGCCGCCGAGCTCATCTGGCGCCACCTGCTGGAGC  
 ACGACCTCCGAGTGGCCACCCACGACCACCCGCTGCTGTTCTCCGACCCACCTTCAGCC  
 CGGCCACCAACCGGAGAAGCTAGTGGAGGTGGCTTCGAGTCGCTGCGTCCCCAGCCA  
 TGTACGTGGCATCGCAGTCGGTGTGTCTGTCTACGCCACGGTGTGTCAGCGGCTGG  
 TGGTGGACACGGGACACGGGGTACCTACACAGTGCCCGTCTTCCAGGGTACAACCTGC  
 TCCACGCCACGGAGCGTCTGGACCTGGCGGGCAACAACCTGACCGCTTCTGGCGGAGA  
 TGCTGCTCCAGGCCGGCTGCCCTGGGACAGCAGGACCTGGACCTAGTGAGAAACATTA  
 AGCACCCTATTGCTACGTGGCTCCGACTTCCAGAAGGAGCAGGCCCGGCGGAGCAGG  
 AGTACAAGCGGACTCTGAAGTGGCCGATGGGCGCACGGTACCCTGGGCAAGGAGCTGT  
 TCCAGTGTCCGGAGCTGCTGTTCAACCCCCAGAGTCCCAGGGTGTCAACCCGTCGGCC  
 TCTCCACCATGGCCAAGCAGAGTCTCCGCAAGTTGTCACCTGGAGATGCGCGCGGACTTGG  
 CCCAAAACGTGCTTCTCTGCGGTGGGTCTCGCTTTCACCGGCTTCGAGGGTTCGTTCC  
 GGGCAGAGCTGCTGCGGCTCTGCCAGCGAGACCCACGTGGTGGTGGCTGCCAGCCCA  
 CCAGGAATTTCTCCGTATGGATCGGGGGCTCCATCCTGGCCTCCCTGCGCGCTTCCAGT  
 CCTGCTGGGTCCTGCGGGAGCAGTACGAGGAACAGGGTCCCTATATCGTGTACCGCAAAT  
 GCTACTGACCAGGGCAGAGCTGGGGAGGGCGTGGGGCAGTAAAGCCTCTGCTACAGCAA  
 AAAAAAAAAAAAAA



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_178525 unedited GGGCACTGGGGTTTGTATACGACTTATGGTAGGCGGCCGCATAACTTCGTATAGCATAC ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGACT GGCCGGGCCTCAACCTCTTCTCCCAACAACCCCAACCCAGAGGAAAAGCCCCCTCACCT GGCGTCCCACCAACCATGGATGCAAGTCGCCCAAGTCCTCGGAATCCCAGTCCTCCCTGG AGGCCCCCAGGCCCGGCCAAACCCCAAGTCCCAACGTGGTGAACAAGCCCCTGCAGCGGG ACTCCCCCGGCATGGTGGCCGACAGGCTGCCACCAAGACCGGGCGGTGTTATTGACA TGGGCACAGGCACCTGTAAGGTAGGTTTTGCTGGGCAGGCCAGCCCACCTACACCGTGG CCACCATCCTGGGCTGCCAGCCCAAGAAACCCGCCACCTCGGGGAGTCCGGGCTGCAGA CGTTCATCGGCGAGGCAGCCCGGTGCTCCAGAGCTGACGCTGGTGCAACCCCTGCGCA GCGGCATCGTCGTGGACTGGGATGCCGCCGAGCTCATCTGGGCCACCTGCTGGAGCAG ACCTCCGAGTGGCCACCCACGACCACCCGCTGCTGTTCTCCGACCACCCCTCAGCCCGG CCACCAACCGCGAGAAGCTAGTGGAGGTGGCTTCGAGTCGCTGCGCTCCCAGCCATGT ACGTGGCATCGCAGTCGGTGCTGTCTGTCTACGCCACGGTCGTGTCAGCGGGCTGGTGG TGGACACGGGACACGGGGTCACCTACACAGTGCCCGTCTCCAGGGCTACAACCTGCTCC ACGCCACGGAGCGTCTGGACCTGGCGGGCAACACCTGACCGCCTCCCTGGCGAATGCTGC TCCAGGCCGCTGCCCTGGACAA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_178525
<b>Insert Size:</b>	1399 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>	<a href="#">NM_178525.2</a> , <a href="#">NP_848620.1</a>
<b>RefSeq Size:</b>	1435 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	284382
<b>UniProt ID:</b>	<a href="#">Q8TC94</a>
<b>Cytogenetics:</b>	19p13.2