

## Product datasheet for MC212000

### Allc (NM\_053156) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Allc (NM\_053156) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Allc  
**Synonyms:** 1700012B22Rik; Alc  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212000 representing NM\_053156  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGACTGATACTCCAAGGAGGGAAAAGTACCAGATTTCTGGACTTCACGCAGCTGATTGATTTGGCCT  
CTGAGTGGTGGGAGGAAAGTTTTGTTTGGCAGCGGATGACTTTTTCGGTCTGCAGAGAATCTCATAAA  
GAGCGACAGTCCAACCTTTAAGGAACATGAATACACTGAGTTTGGCAAATGGGTGGATGGATGGGAGACC  
AGACGTAAGCGAATTCAGGTCATGACTGGTGTGTATCCAACCTGGGGATACAGGGCATTATTCTGGTA  
TCGACGTGGACATTTCTACTTCTCAGGGAACCATGCTCCTCGCATGCAATCCAAGCAGCGAACCTGAG  
TGAAGAAGATACAATGTCAAACATCCCACCAAGGGGAGTTAGGATGGAACTGCAGCGACGCTGAGGAG  
TTTGAAGCCGTTACTGAGCTGAAATCACACTCCTGGGATTACCTGGTTCCCATGTCGGAGCTTAAGCTAG  
GGGACCTGACTCCAGCCACAACATATTATTTGTTAATCCCAGCAGAGATGGACTCATATAAGACTCAA  
CATCTTCCAGATGGTGGTGTGGCAGCCTCGAGTACGGTACTGGACAGAGGGACTGGGCTGCATTG  
GATTCACAGAACCTGTAGACCTGGTAGCATTGCTTTGGGGTGTCTGTGTGGGATTTAGTAATGCAC  
ACTTTGGACATCCAATAATATGATAGGTGTCGGTGAACCAAGTCCATAGCAGATGGTTGGAAACTGC  
AAGAAGACTGGACAGACCCCGGTGTAGAACTAGTGAAGTGGCCTTCTCCTGGTCCCGGTTGTGAG  
TGGCAGTGTTCCGATTGGCACATCCTGGAGTCATCACTCAAATTGAAATTGATACGAACTACTTTAAAG  
GCAACTGTCCCAACAGCTGCAAAGTGGATGGTGCATCCTGACCACACTGGAAGAGGAAGACATGATCAG  
GCATAATTGGAATCTTCTGCCATAAGTGAAGTCGTTGCTTCCAGTACCAAGCTAATCCCAACCAA  
AATCACTTGTGGACAGCCTGACCCTGGAGCTCAGGATGTCATCACTCATGCCATGATTACCATTGCC  
CTGATGGCGGTGTCAGCCGCTTCGGCTCAAGGGTTCCCTAGTCCATCTGTTTGTGCGGCCCTCCG  
GGAGAAGCCCTTGTGCGGTTCTCTCTTAAAACGGGATTCAGGGCGAACCTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_053156
<b>Insert Size:</b>	1245 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_053156.2</a> , <a href="#">NP_444386.2</a>
<b>RefSeq Size:</b>	1460 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	94041
<b>UniProt ID:</b>	<a href="#">Q9JHX6</a>
<b>Cytogenetics:</b>	12 10.97 cM
<b>Gene Summary:</b>	The function of this enzyme is unclear as allantoinase activity is not known to exist in mammals.[UniProtKB/Swiss-Prot Function]