

## Product datasheet for **MC228815**

### **Ace3 (NM\_001101453) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ace3 (NM_001101453) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ace3
Synonyms:	EG217246
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228815 representing NM\_001101453  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACTTGGCCTGGCCTTGTACTTGTGCTCCTCTCTCACCGCAACTTTGCCATGGCTCAGGACTG  
 TGGGAGAGACAAGCTTAAATGATTTCTACAGCGAGGCTCAGGCTAAGTTGTTCTGCAGTTTATGAGCA  
 AACAGCCAGGTCGTGTTGAATGAGTTTATGGAAGCCACTTGAACACGTCACCAACATACCAAGCAG  
 AATCAAAAGAACATGCTGCAGAAGGAGCGGACAGGTCTCAGTTTATGTTATACTTCAGCACCCGGGCC  
 GCATGTTTAGGACAGACATTTCTGAACCAGGACGTGAAGCGCATGCTGAGGAAGCTGCAGAACATAGA  
 CAAGTCGGCCTTGCCACGGAGGATCTCCTAGAGTACAACAGACTTCTGACCTACATGGAGACAGCATAT  
 AACCGAGCTGAGGTGTCCCTGGATGAGGGTCCCTGCTTGACCCTAGAGCCTGACCTCCAAGAAATCATGG  
 CCACCTCCAGGGACCAGAAGGAGCTGCTGTGGCCTGGCAGGGCTGGCGGGATGCTGTTGGCCGACAAC  
 CCGCCCTGTCTTTGAGGACTACGTACGTCTCAGCAACAAGGCTGCCAATAATAATGGATACAAGACATG  
 GGGGCTTTATGGCGATCCAAGTATGAATCTGACACGCTGGAGGAAGACCTAGAGCAGCTCTATAAGGAGC  
 TGCAGCCTCTCTACCTGAACCTCCATGCCTATGTGCGCCGCTCACTGTACCCTACTACGGGCTGAGCT  
 CATTGACCTGAGGGGGCCATCCCTGCCACCTCCTGGGGAACATGTGGGCTCAGTCTGGAATAATATC  
 CTAGATCTGGTCTGCCCTATCCGACTAAAGCCCCAGAGGACATCACAGCGATCATGAAGATCCAGCACT  
 GGAGGCCGTGAGAAAAATGTTTGAAGAGGCTAACTTATTCTTTACCTCAATGGGCATGCTACCCGCCCGCC  
 TGCTTTCTGGATAAAGTCTATGATGGAGAAGCCAGCTGACGGCGGGAAGTGGAGTGCCACACCTCATCC  
 TGAACCTTCTACAAGTTCAATGACTTCAGGTAAGAAGTGCACGGAAGTGACCTTAGAAGACCTGTCTCT  
 CCGTCTTCCACCAGATGGCCATATCCAGTACTTCTTGCAGTATCAGAATCTCTGTCTATCCAGGA  
 AGGTGCCAGCCCAGCCTTTGAAGAGGCTGTGGGTGCGGTGATCGCCCTCTCAGTCTCTTCCACAAGTAC  
 CTGCTCGCCAGAGGTCTGCTCAGCCAACCTCACAGGATTCAGAGGAGGAGGTCAACTTCTGTTAGGCA  
 TTGCCCTGGAGAAGATTGCCCTTATCCCTTACGCTACCTGGTAGACAAGTTTCGTTGGAAGATCTTTGA  
 TGGCACTATTTGAAGATTACATAACAACCAGGAGTGGTGGAACTTCAAGTTGAAGTACCAAGGCCTGTGC  
 CCACCTGTCCCTCGATCAGACGATGATTTTGACCCAGGTGCCAAGTTTACATCCCTGCCAATGTGCCCT  
 ATATCCGATACTTTCTTGGTCTGATACTGCAGTTTCAACTTCATGAAGCACTATGCGAAGCCTCCGGCCA  
 CGTGGGCCCTCTGCACCAGTGCATAACTACAACCTCAAGTTGCAGGGAAGATCTGGGGATCTCCTG  
 AAGTTGGGCTCCAGCCGGCCCTGGCGGGAGGTCTCCAGGAGGTGACTGGAGAGTCCAATATATCCACCA  
 AGGCCTTTTTGACCTACTTCAAGCCACTGATGGACTGGCTGGTACTGAAAACGTGAAGCAAGGGGACAC  
 CCTTGGCTGGCCAGACTTCAGCTGTTCTTTGAAGAAAAAATCACAAGCAAAGTATCGTTTCTGGGCACA  
 GACACAGAGCCTGAGCAGGCGTACCTGGGGCAGTGGGTGTTGCTGAGCATGAGTTTTTTCATGTTGGTCC  
 TCATCCTGGCACTGGGCTTCAAGCTGCACTACTTGGAAAAACAGTTACTGGACGAAGACACAATGATTCT  
 TAAGACCTGCCCTACTCCTACTTCTGGGCATAGCCATGGAACCCATCAGGCAGCCCGGAAACAGTGG  
 CTTCTGCTGGCCTCTGCTGCATCCTTATGCTGTGCTGTATTGGCCTGCTCATTCCGATAGTCACGCAGA  
 ACACCGAGAACACTCCATGGATGAAAAATGAAGGGCAGAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001101453  
**Insert Size:** 2214 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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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="#">NM_001101453.2</a></u> , <u><a href="#">NP_001094923.2</a></u>
<b>RefSeq Size:</b>	2214 bp
<b>RefSeq ORF:</b>	2214 bp
<b>Locus ID:</b>	217246
<b>UniProt ID:</b>	<u><a href="#">D0G895</a></u>
<b>Cytogenetics:</b>	11 E1