

## Product datasheet for **MC227246**

### Ascc1 (NM\_001199187) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ascc1 (NM\_001199187) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ascc1  
**Synonyms:** 1810015P09Rik; AI550520; ASC1p50; CGI-18  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227246 representing NM\_001199187  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATGTTCTACGCCACAGATTGTAACGTTTCGATGGACGGAATTATAGAAAGAATCCCATCCAGGAGA  
 AACAGTACCAACATGAAGAAGACGAGGATTTCTATCCTGACTCCATGGAATACTCTGATGAGCCCTGCGG  
 TGCTACGAGGTGGCACAGACCCTCACGGATTCGGGCCACCGTCAGTGGCCCTAGCCTGCTCTACAAG  
 CACATAGTTGAAAGAGAGGGGATACCAAGAAAAGATAGAAGTGGAGACTAAAACATCTATTAACATTC  
 CGAAGCATGGGCATGAAGGGGAAATCGTGATCACTGGTCAGCATCGAAATGGCGTGGTCTCAGCGCGAAC  
 ACGGATCGACGTCTCTGGACACGTTTCAGGAGGAGGCAGCCTTTTACCCACTTCCTTTCTTCTCCTC  
 AATGAAGTTGAGGTTTCAGGAACGGTTTCTGATGTTCCAGGAGGAGGTGCTGAGGAAGTGTCCAAGGATC  
 GTGGAGTTGATAGCACCATTTTTCAGAACCCAAAAAGCTTCACCTAACTATTGGGATGTTGGTACTTCT  
 AAGTGAGCAGGAGATCCAGCAGACGTGTGAGATCCTGCAGCGTGTAAAGAGGAATTCATTAATGACATT  
 TCTGGAGGCAGACCCCTGGAAGTCGAGATGGCAGGCATCGAATACATGAATGACGATCCTGCTATGGTGG  
 ATGTTCTTTATGCCAAAGTCCACATGAAAGATGGCTCCAACAGGCTGCAGGAGCTGGTTGATCGAGTGCT  
 GGAGCGTTTTTCAGTCCCTGGGACTCATCGTAAAAGAGTGGACAGTGTGAAACTGCACGCCACGGTCATG  
 AACACACTGCTCAGGAAAAGACCCCAACGCGGAAGGCAGGTACAATCTCTACACAGCAGATGGCAAATATA  
 TCTTCAAGGAGAGAGAGTCTTTTGGTGGCCGGAACATTTTAAAGACATTTGAGAATTCTACTTTGGTTC  
 CCTGAGGCTCAATTCTATTACATCTCCAGAGGTTACGGTGGACAGCTTTGAAACTATGCCTCCTGC  
 GGACATGTTGACTTCTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001199187



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<b>Insert Size:</b>	1071 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>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_001199187.2</a></u> , <u><a href="#">NP_001186116.1</a></u>
<b>RefSeq Size:</b>	1492 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	69090
<b>UniProt ID:</b>	<u><a href="#">Q9D8Z1</a></u>
<b>Cytogenetics:</b>	10 B4
<b>Gene Summary:</b>	<p>Plays a role in DNA damage repair as component of the ASCC complex. Part of the ASC-1 complex that enhances NF-kappa-B, SRF and AP1 transactivation. In cells responding to gastrin-activated paracrine signals, it is involved in the induction of SERPINB2 expression by gastrin. May also play a role in the development of neuromuscular junction.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.</p>