

## Product datasheet for **RN204795**

### **Ascc2 (NM\_001109091) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ascc2 (NM_001109091) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ascc2
Synonyms:	RGD1561422
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204795 representing NM\_001109091  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCAGCTCTGCCCTGGACCAACTCCAGATCACCCACAAGACCCGAAGACAGGCAAGCTGAGGACTT  
 CAGCAGCGCTGCACCCTGAGCAGAAGGCAGACCGGTATTTTGTGTGTACAAACCACCCCTAAAGACAA  
 CATTCTGCCCTGGTGGAGGAGTACCTGGAGCGTGCCAACTTCGTAGCCAATGACCTCGACTGGCTCCTG  
 GCCTTGCCTCACGATAAATTCTGGTGCCAGGTCATCTTTGATGAGAGCCTGCAGAAGTGCCTGGACTCCT  
 ACCTGCACTATGTGCCCCGAAAATTTGATGAGTGGGTGGCCCAACCCCTGAGGTTGCTGACATGCAGAA  
 GCACCTGCACCGAAGTGTTCCTCACCTTCCTCGAATGTCCACTCACAAAGGAATCCAAAGACCACTTC  
 ATTTCTCCATCCGCATTTGGAGAAATCCTCTACAATAACTTCCTTTGACATCCCAAAGATCCTGGACC  
 TCTGTGTGCTCTTTGGGAAAGGCAACTCACCAGTCTCCAGAAAATGATAGGAAACATATTTACCCAGCA  
 GCCAAGTTACTATAATGACCTGGACGAAACCATTCCCACCATACTTCAGGTCTTCAGCAATATCCTCCAG  
 CACTGTGGTTTGAAGGGGATGGAATAAACACCATAACCCAGAAAACCTCGGGGAGAGGCCTCGGTTGACGC  
 CCAGTGACATGCCTCTCTTGAATTAAGGACATTGTTCTCTACCTGTGTGACACCTCCACCACACTCTG  
 GGCTTTCTGGACATCTTCCCTTTGGCCTGCCAAACCTTCAGAAAACATGACTTTTGTACAGACTAGCT  
 TCCTTTTATGAGATGGCGATTCCGGAATAGAGTCTGCAATTAAGAAGAGGAGGCTTGAAGACAGCAAGC  
 TCCTGGGTGACATGTGGCAGAGGCTCTCCCATTCGAAGAAGCTAATGGAGGTGTTTCACACCATCCT  
 GAACCAGATCTGCCTCCTCCATTCTAGAGAGCAGCTGTGACAACATTCAGGCTTCATTGAAGAATTC  
 CTTCAAATCTTTAGCTCTTTGCTGCAGGAGAAGAGATTCTCCGAGACTATGACTCATTCTTCCCTGTAG  
 CTGAAGACATCAGCTTGCTGCAGCAGGCTTCATCAGCATTGGATGAAACCCGGACTACCTACATCCTACA  
 GGCTGTGGAAGGTGCATGGGAAGGGGTGGACAGACAGAAAATCAAGGACATTAAGACCCATCAAGAGCC  
 AAGGATTCTAATAACGGAGTCACATGACAGCAGAGCCAGTCAGTGAAATGCCATCACAGCTGGAGAATT  
 CGGAAGACGATGAGGAGTGCATGGGTGCAGCAGCTGCCGTGGGCCCGCCGTGAGCGGTGTGGAAGTGA  
 CTCACTCATCTCCAAGTGAAGGACCTGCTGCCAGACCTCGGGGAGGGCTTTATTCTGGCCTGCCTGGAG  
 CACTACAGCTATGATTACAGAGCGGTTATCAACAACATCCTGGAGGATCGGCTGGCCCTGAGCTCAGTC  
 AGCTGGACCGAAGCCTAGAAAGACAAGTAAAGCCGGACCCACACCCCTGTTGTCATCGCGTCACAACGT  
 CTTCCAGAACGATGAGTTCGATGTGTTCCAGCAGGACTCAGTAGCCTGAGCCGAGTGCACAAGGGCAGG  
 AGGAAGGAGGAGACCGTGAAGGAGCTGGTGAATGACAAGCAGGCTGTGGTGGCACAGTGGCAGCGTACC  
 AGAAGTACAGTGTGATAGTGGAGGAGTCCCACTGCAGCCAGGAGAATACCAGGCTGATGACTATGAGGA  
 CGAGTATGATGACACATACGATGGCAACCAGGTGGGCGCCAATGATGCTGACTCTGATGACGAGCTCATC  
 AGCCCGAGGCCCTTACCATCCCTCAGGTGCTGAGAACCAAAATGCCTGTGGAAGGGCAGGAGGAGGAGT  
 GTGATGAAGAGGATGAGGTTGAAGAGGAGGCCCAAGCCAGACCATTTTCATTGAGGATCCTGCAGTGT  
 GAGGAAAAGGCTGAAGCTAGGCGCATAGCCTTCTCGCCAGGAAAGGGTATCGACCTGAGAACTCCACT  
 GCAGTACAGGTGGACCCCGGGCCATGGGCAAGCCGAGAAAACAACCCAGGAGCGCAGGAAGAAAGAGG  
 CCAACAAGGCAGCCAGAGCCAACCACAGCCGTAGAACCATGGCTGACCGAAAGAGAAAACAAGGCATGAT  
 CCCATCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001109091  
**Insert Size:** 2250 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="#">NM_001109091.1</a></u> , <u><a href="#">NP_001102561.1</a></u>
<b>RefSeq Size:</b>	2626 bp
<b>RefSeq ORF:</b>	2250 bp
<b>Locus ID:</b>	498402
<b>Cytogenetics:</b>	14q21