

## Product datasheet for **RN212806**

### **Acox3 (NM\_053339) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Acox3 (NM_053339) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acox3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212806 representing NM\_053339  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGATCCTCATCGAAAGAAGAGACAGTGTTTTATGGTCAGACATCCCAAGGGCCCCCTTAGTGCCT  
 ACCGAGCAAGAGCCTCCTTCAATTCCAAGGAGCTGATGCTTCTGGGACGGCCAGGATGTACTCGACTT  
 CAAGAAAACCATCTTCTCAACTTTGGAGAATGACCCTCTCTCGCCCGCCATTCCGGGGCTGATCTGCCT  
 CTGGAGAAGGAACGAGAAGTGAACCTTCTCGCTGCAAGAGGGTCTTTGAGTATGGCTTCTTCAACGCGAG  
 AGGACATGCTAAAGAACCCCTGAAGATTCTAGTATTGATGAACTGCCTGGGCATGTACGACTGGTCCCT  
 GGCCAACAATGTGTCTCCACATGTTGGTTTTTGGATCTACAATTATCGGTTCTGGTCTGAGCACCAT  
 TTCAAGTACCTTGAGAAGATATAAACCTGGAGATTTTTGGCTGTTTCGCTCTCACCGAAGTGAATCATG  
 GGAGTAATACCAAGGCCATGAGAACAACAGCTCACTATGATCCTGCTACTCAGGAATTCATCTTACATTC  
 TCCAGATTTCCAGGCTGCCAAATTTTGGGTGGCAACCTGGGCAAGACCGCAACTCATGCGGTGGTGT  
 GCCCAGCTGTACAGCCAGATGGCCAGTCCGAGGGCTGCATTCTTCTCGGTGCAGATTCGGGACCCGA  
 AGACCCTGCTTCCATGCCAGGGGTGATGGTCCGGTGCATGGGGAAGAAGTTGGGACAGAATGGCCTGGA  
 TAATGGATTCCGCATGTTCCACAAAGTTCGAATTCCTCGCCAGAAGCTGCCTGGACCGGACCGGGAATGTC  
 ACCTCTGAGGGACATTACCACACCCCTTTAAGGATGTCGGCAGCGTTTGGGGGCATCATTGGGCGACC  
 TGTCTCGGGACGCATCTCCATCATTAGCATTTCTGTGGTCAACCTGAAGCTGGCTGTGATCATAGCTAT  
 CCGATTCTCAGCCACGCGCGTCACTTTGGACCCACAGATAAGGAAGAGATCCCTGTCTCGAGTATCCA  
 CTGCAGCAATGGCGCCTACTTCCATACCTGGCAGCTGCCTATGCCTTGGACCACTTCTCCAAGACAATCT  
 TCTTGGACCTGATAGAGCTACAGCGTCCGGCAAAGTGGGGACCAAGTACAGGCAGGACAGGAGAGTCCGG  
 ACGGGAGATCCACGCACTAGCATCAGCGGCAAGCCCTAGCCTCATGGACAGCCAGCGGGAATTCAG  
 GAGTCCGTGAGTTGTTGGGGACACGGCTATCTAGCCATGAACCGGTTTGGCAACTCAGAAATGACA  
 ACGATCCAACTGTACCTATGAAGGCGACAACAATGTCCTGCTGCAGCAGACCAGCAACTACCTGCTCAG  
 CCTCTGGAGCATCCTCTCCAAGACGGAGCTCACTTACAAGCCCTCTCAAGACAGTGAACCTTCTGGAA  
 GCCTACCTGGAATCTTGGGCCAGAAGTTCATGGCCTCCAGCAAGGCTGACTGGTGGACTCAGAAGCCC  
 CCCTGGCAGCCTACCGTTGGCTTGTGGTACCTGCTCCGAGAGAGTATCAGAGATACTGTCAAGAGAA  
 AAAGTCCAGAGGAGTACTTTGAAGCAAGGAACAACAGCCAGGTGTATGGCTGCCGGCCCTGGCCCTG  
 GCCTTCATGGAGCTCACTGTGATGCAGCGCTTCCACGAGCATAACACAGCTCTAGCGTGCCTCCATCTC  
 TCGGACTGTGCTTGGACGGCTCAGCATGCTCTACGGCTGTGGTGCCTGAGCCAACACAGGCCCTGCT  
 CTACCGAGGTGGCTACATCTCTGGGGAGCAAAACAGGAAAAGCGATGGAGGATGCCATCCTGATGCTGTG  
 GTGCAGCTGAAAGACGATGCGGTGGCCTTGGTGGACGCGATTGCCCTTCTGACTTTGCTCTGGGCTCCC  
 CAATTGGCAGAGCTGATGGCGAGCTCTATAAAACCTGTGGGCAGCTGTCTGCAGCAGAGCGGTGTGCT  
 GGAGCGTGCAGGCTGGTGGCCTGAGTTCAGTCCCAACAATCTGTGGCCAACAGGCTGAAGTCCCAGCTG  
 TAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053339

**Insert Size:** 2103 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>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_053339.1</a></u> , <u><a href="#">NP_445791.1</a></u>
<b>RefSeq Size:</b>	2600 bp
<b>RefSeq ORF:</b>	2103 bp
<b>Locus ID:</b>	83522
<b>UniProt ID:</b>	<u><a href="#">Q63448</a></u>
<b>Cytogenetics:</b>	14q21
<b>Gene Summary:</b>	targeted to the peroxisome; hepatic expression is not altered in the presence of peroxisome proliferators [RGD, Feb 2006]