

Product datasheet for **RR212806**

Acox3 (NM_053339) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

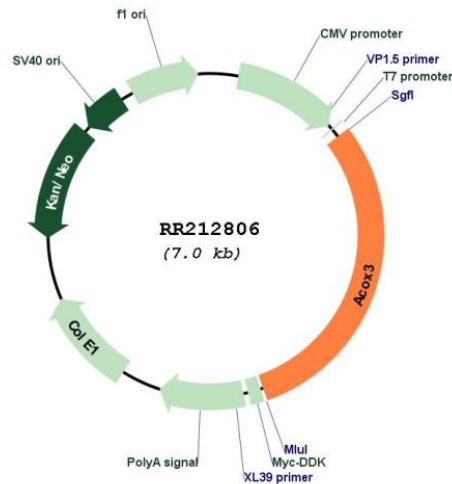
**ORF Nucleotide
Sequence:**

>RR212806 representing NM_053339
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCCTCATCGAAAGAAGAGACAGTGTTTTATGGTCAGACATCCCAAGGGCCCCCTTAGTGCCT
 ACCGAGCAAGAGCCTCCTTCAATTCCAAGGAGCTGATGCTCTTCTGGGACGGCCAGGATGTACTCGACTT
 CAAGAAAACCATCTTCTCAACTTTGAGAAATGACCCTCTCTCGCCCGCCATTCCGGGGCTGATCTGCCT
 CTGGAGAAGGAACGAGAAGTGAACCTTCTCGTGAAGAGGGTCTTTGAGTATGGCTTCTTCAACGACG
 AGGACATGCTAAAGAACCCCTGAAGATTCTAGTATTGATGAAGTGCCTGGGCATGTACGACTGGTCCCT
 GGCCAACAATGTGTCTCCACATGTTGGTTTTTGGATCTACAATTATCGGTTCTGGTCTGAGCACCAT
 TTCAAGTACCTTGAGAAGATATAAACCTGGAGATTTTTGGCTGTTTCGCTCTCACCGAAGTGCATG
 GGAGTAATACCAAGGCCATGAGAACAACAGCTCACTATGATCCTGCTACTCAGGAATTCATCTTACATTC
 TCCAGATTTCCAGGCTGCCAAATTTTGGGTGGCAACCTGGGCAAGACCGCAACTCATGCGGTGGTGT
 GCCCAGCTGTACAGCCAGATGGCCAGTCCGAGGGCTGCATTCTTCTGGTGCAGATTCGGGACCCGA
 AGACCCTGCTTCCATGCCAGGGGTGATGGTCCGTGACATGGGGAAGAAGTTGGGACAGAATGGCCTGGA
 TAATGGATTCCGCATGTTCCACAAAGTTCGAATTCCTCGCCAGAAGCTGCCTGGACCGGACCGGGAATGTC
 ACCTCTGAGGGACATTACCACACCCCTTTAAGGATGTCGGCAGCGTTTGGGGGCATCATTGGGACGCC
 TGTCTCGGGACGCATCTCCATCATTAGCATTTCTGTGGTCAACCTGAAGCTGGCTGTGATCATAGCTAT
 CCGATTCTCAGCCACGGCGCTCAGTTTGGACCCACAGATAAGGAAGAGATCCCTGTCTCGAGTATCCA
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 ACGGGAGATCCACGCACTAGCATCAGCGGCAAGCCCTAGCCTCATGGACAGCCAGCGGGGAATTCAG
 GAGTGCCGTGAGGTTGTTGGGGACACGGCTATCTAGCCATGAACCGGTTTGGCAACTCAGAAATGACA
 ACGATCCAAACTGTACCTATGAAGGCGACAACAATGTCCTGCTGCAGCAGACCAGCAACTACCTGCTCAG
 CCTCCTGGAGCATCCTCTCCAAGACGGAGCTCACTTCAAGCCCTCTCAAGACAGTGAACCTTCTGGAA
 GCCTACCCTGGAATCTTGGGCCAGAAGTTCATGGCCTCCAGCAAGGCTGACTGGTGGACTCAGAAGCCC
 CCCTGGCAGCCTACCGTTGGCTTGTGTTGCTACCTGCTCCGAGAGAGTATCAGAGATACTGTCAAGAGAA
 AAAGTCCAGAGGCAGTGACTTTGAAGCAAGGAACAACAGCCAGGTGTATGGCTGCCGCCCCCTGGCCCTG
 GCCTTCATGGAGCTCACTGTGATGCAGCGCTTCCACGAGCATACACAGCTCTAGCGTGCCTCCATCTC
 TGCAGGACTGTGCTTGGACGGCTCAGCATGCTCTACGGCTGTGGTGCCTGAGCCAACACAGGCCCTGCT
 CTACCGAGGTGGCTACATCTCTGGGGAGCAAAACAGGAAAAGCGATGGAGGATGCCATCCTGATGCTGTG
 GTGCAGCTGAAAGACGATGCGGTGGCCTTGGTGGACGCGATTGCCCTTCTGACTTTGCTCTGGGCTCCC
 CAATTGGCAGAGCTGATGGCGAGCTCTATAAAACCTGTGGGCAGCTGTCTGCAGCAGAGCGGTGTGCT
 GGAGCGTGCAGCCTGGTGGCCTGAGTTCAGTCCCAACAATCTGTGGCCAACAGGCTGAAGTCCCAGCTG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Plasmid Map:


ACCN: NM_053339

ORF Size: 2100 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_053339.1](#), [NP_445791.1](#)

RefSeq Size:	2600 bp
RefSeq ORF:	2103 bp
Locus ID:	83522
UniProt ID:	<u>Q63448</u>
Cytogenetics:	14q21
MW:	78.4 kDa
Gene Summary:	targeted to the peroxisome; hepatic expression is not altered in the presence of peroxisome proliferators [RGD, Feb 2006]