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Product datasheet for MC220557

Acox3 (NM_030721) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acox3 (NM_030721) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Acox3
Synonyms:	BI685180; EST-s59; PCOX
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin

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Fully Sequenced ORF:

>MC220557 representing NM_030721
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGATCCCTACCGGAAGAAAAAGACAGTGCTTTGTGGTCAGACACCCCCAAGGGCCCTCTTAGTGCCT
ACCGAGCAAGAGCCTCCTTCAACTCTGGGGAGCTGCTGCTCTTTTGGGACGGCCAGGATGTAATCCACTT
CAAGAAAACCATCTTCTCAACTTTGGAGAATGACCCTCTCTTTGCCCGCTCGTACGGGGCCGACCTGCCC
CTAGAGAAGCTACGAGAACTGAACTTCCTTCGCTGCAAGAGGGTCTTTGAGTATGGCTTCTTCAAAGTAG
AGGAACTGCTAAAGAACCCCCTGAAGATTCTAGTGCTGATTAACTGCCTGGGCATGTACGACTGGTCCCT
GGCCAACAAATGCGTCCTCCACATGTTGGTTTTTGGAACCACAGTTTTCGTTTCTGGTTCTGAGAAGCAT
TTCAAGTACCTTGAGAAGATCTATAGCCTGGAGATTTTTGGCTGTTTTGCTCTCACCGAACTGAGTCATG
GGAGTAATACCAAGGCCATGCGAACGACAGCTCACTATGATCCTGATACTCAGGAATTCATCTTACATTC
CCCGGATTTCGAGGCTGCCAAATTTTGGGTGGGCAACCTGGGCAAGACGGCAACTCATGCGGTGGTGTTT
GCCCAACTGTACATGCCAGACGGCCAGTGCCACGGGCTGCATTCCTTCCTGGTGCAGATCCGTGACACGA
AGACCCTGCTTCCCATGACGGGGGTGATGGTCGGTGACATTGGGAAGAAGCTGGGGCAGAATGGCCTGGA
TAATGGATTCGCCATGTTCAACAAAGTTCGAATTCCTCGCCAGAACCTGCTGGACAGGACTGGGAATATC
ACCTCTGAGGGCACTTACAACAGCCCCTTTAAGGATGTCCGGCAGCGTTTGGGCGCATCATTGGGCAGCC
TGTCCTCAGGACGCATCTCCATCATCAGCATGTCTGTGGTCAACCTGAAGCTGGCCGTGTCCATAGCCAT
CCGGTTCTCGGCCACACGGTGTCAGTTTGGACCCACGGATAAGGAAGAGATTCCTGTCCTTGAATATCCA
CTGCAGCAATGGCGCATACTTCCGTACCTGGCGGCTGCCTATGCCTTGGACCACTTCTCTAAGACAATCT
TCATGGACTTGATAGAGGTGCAGAGTGCCCGGCTCAGGGGAGACCACAGCGACCAGCAGGCAGAACTCGG
ACGTGAGATCCATGCTCTGGCATCGGCTGGCAAGCCTCTAGCCTCATGGACAGCCCAGCGGGGTATCCAG
GAGTGCCGTGAGGCGTGTGGGGGACATGGCTACCTGGCCATGAACCGGTTTGGTGACCTCAGAAACGACA
ACGACCCAAACTGTACCTATGAAGGTGACAACAATGTCCTGCTGCAGCAGACCAGCAACTACCTGCTCAG
CCTCCTGGAGCCTCCTCTCCAAGACGGAGCTCACTTCACAAGCCCTCTCAAGACCGTGGACTTTCTGGAA
GCCTATCCTGGAATCTTGGGCCAGAAGTTCCTGGGCTCCAGCAAGGCTGACTGGATGGACTCAGCAGCCC
CCCTGGCAGCCTACCGCTGGCTTGTTTGCTACTTGCTCCAAGAGAGCCATCGGAGATACTGCCAAGAGAA
AAAGTCCAGAGGCAGTGACTTTGAAGCAAGAAACAACAGCCAGGTGTACGGCTGCCGGCCCCTGGCCCTG
GCCTTCATGGAACTCACCGTGATGCAGCGATTCCACGAACATATACACAGCTCCGGTCTGTCTCCATCTC
TGCGGACTGTGCTCGGGCGGCTCAGCACGCTCTACGGCCTGTGGTGCCTGAGCCAGCACATGGCCCTGCT
CTACCGAGGTGGCTACATTTCTGGGGAACAAACAGGAAGAGCGATGGAGGACGCCATCCTGACCCTGTGT
GAGCAGCTGAAAGACGATGCGGTGGCCTTGGTAGATGTCATCGCCCCCTCCGACTTTGTTCTGAACTCCC
CAATTGCCAAAGCTGATGGTGAGCTCTATAAAAACCTGTGGGCAGCTGTCCTGCAGCAGAATGGTGTGCT
AGAGCGTGCCGCCTGGTGGCCCGAGTTCTCTGCCAACAAATCTGTAGCCGACAGGCTAAAGTCCCAGCTG
TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_030721

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).

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_030721.2, NP_109646.2
RefSeq Size:	3977 bp
RefSeq ORF:	2103 bp
Locus ID:	80911
UniProt ID:	Q9EPL9
Cytogenetics:	5 B3
Gene Summary:	Oxidizes the CoA-esters of 2-methyl-branched fatty acids.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (a). Variants 1, 2, and 3 all encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.