

Product datasheet for **SC215951**

OXCT1 (NM_000436) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OXCT1 (NM_000436) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	OXCT1
Synonyms:	OXCT; SCOT
ACCN:	NM_000436
Insert Size:	1694 bp



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Insert Sequence: >SC215951 3'UTR clone of NM_000436
The sequence shown below is from the reference sequence of NM_000436. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCATGCCAATGCAGCAGATCGCAAATGAAATATGGATATTTGTACCAGGCTGCGTGTTCATTTT
AAACACACAAGATTTAATTGAAAGGACATCAATAATCATAAATTGTGATTTAACAGGTGGTTTTTATT
AGTTTTCTGTGTTTCAGACTTTATGCAGCCATATAAACTGTTCTCTAGGCATGCTGTGACATTTAAT
AAAAAGCAAAAGGAGCATTATAAATTATCTCATTTGTTAAGGCTGAGAAGTTGTTTTTATAATAGGTA
ATTATATTGAATGCATTTTCACTGAATATGGTATGTATGCTAAATTATATGAACCTTTCCCAAGAAGG
GCCCTAGAAATTGATGTGGCTTTCCTCTTAAATATTAATTATTAGTCTGAAAGAAAGATAACATATGT
GATTTTTGTGGTTAGGAGAGTTGCTGTCATGATTGTTTTTCTTCAGCCTCCTCTGACTTTTCTTTTGG
GGCTTCAGATTTTATGATTACATCTTGCCCCCTAGAACATCCCCCTTCTCCCATACTGCTTTTAAAC
AGATGCCCAAGAAGGCAAGCAGGAATGCCTCTTGTGGGGAGGGCAGGGAGAAATAACTAGTTCAAACC
AACTATCTATCTATGCTTTGCAAAGACTAAGGCGTATTATAGGAAGAGGGCTAGAAACCTAACTGATTC
TTCTCAGTTTTCTCATTTTAAAACAGCCAGTATTCTTTGTATCCTCAAGGGTCTTGGAGAATACTTC
TGTTATTGAGACCCTGTGGGCTACTTGTACTGTACCTCTCTCAAGCCAAGAAGGCTGTGGGATAATT
TACCATGAATCCTTAGTAGCAATGACAGCAGAGTTAAAAAATAAAAGGTGTTTTACTTTTCAGGCTCTTG
TTTTGGTTCAGAGGAGATTTTAAATATTGAATGACACTTCTACAGAACAACGGTTTTTCTTCTGCCAAG
GCTACTTCCTTTAACGAAGTGCCTTTAATTGACCTTATCCAAGTGGGAAAATAATGTTGGACAAGTC
TAGGATTTGAAGAGTCAGTGAACTTTTAGTGTCAGGGAATAACATGGTGGGTAGATTAGGTTTAAAAA
AAACTTCCTTAGAGGTATTTTATTCTCAATACCTGACAGGGGCCCATGGGAATGACTTCAGAAGCATCCC
GGATAATAGATGGGTAAAAAGTCTAGGCACCCTGAAGAACAGGTGAGACAGCTGGCCTCTGGACAGAGG
TAGGCATAGTACAGTACGATATATCATTCTCTGGTCTCTAAATATACAACTTATTCATGTTTTTAGGT
GATGATGGTCATTGAAACTCACTTCTTTTCAGGTGTAGCTACAATTGTGTAATGTACAATATTAGAGAA
AGGACAGGCTTTTTATGAGTAACACACACCATATATAAAACAGCCTTCTGGCTGACCACATGGTTAAA
TGCATACCTTCCAGTACTGGGGGAAAAAATGACCCTTCTTAGAATGTGCAAGTCCATGAGAGTAAT
ATATTGATATGATTTTAAAAAGAATTGTTGATAGTTACATCTTCAAACCTATCATTCCAGTATGCATCT
TTAAGATAATGTGATTCTAAGTAGATGACTTTATATTCTTGATTGAAGAGTGCTATACATGTTAAGAAA
TGCATTAAGGAATACAATAAATATTCTAAAGTGATGTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000436.4](#)

Summary: This gene encodes a member of the 3-oxoacid CoA-transferase gene family. The encoded protein is a homodimeric mitochondrial matrix enzyme that plays a central role in extrahepatic ketone body catabolism by catalyzing the reversible transfer of coenzyme A from succinyl-CoA to acetoacetate. Mutations in this gene are associated with succinyl CoA:3-oxoacid CoA transferase deficiency. [provided by RefSeq, Jul 2008]

Locus ID: 5019

MW: 66.2