

Product datasheet for MC202530

Oxct1 (NM_024188) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Oxct1 (NM_024188) Mouse Untagged Clone
Tag: Tag Free
Symbol: Oxct1
Synonyms: 2610008O03Rik; Oxct; Oxct2a; Scot-s
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003422 sequence for NM_024188
CGCACGCACTCCCGCGCGGCCACCGTCTCCCGCACCCGGGGCCGAAGATGGCGGCTCTCAAACCTCTGT
CCTCTGGGCTTCGGCTCGGCGCCTCAGCCCGCAGCTCGCGGGGCGCCCTGCATAAGGGGTGTGTCTGCTA
CTTCTCTGTCAGTACTCGTCACCACACCAAATTTTACACAGATCCCGTGAAGCTGTAAAAGATATTCTC
AATGGTGAACCTTGCTGGTTGGTGGTTTTGGGCTGTGTGGTATTCCAGAGAATCTTATAGGAGCTTTAC
TGAAGACTGGAGTAAAAGATCTAACTGCAGTCAGCAACAATGCAGGGGTTGACAACCTTCGGCCTGGGCT
TTTACTTCGATCCAAGCAGATAAAAAGCAATGATCTCCTCATATGTGGGAGAAAATGCAGAATTTGAGCGA
CAGTTCCTTTCTGGTGAATTAGAAGTAGAGCTGACACCTCAGGGCACACTTGCCGAGAGGATCCGTGCCG
GTGGAGCTGGAGTCCCTGCCTTCTACACCAGCACAGGGTATGGGACTCTGGTACAGGAAGGAGGATCACC
CATCAAATAACAAAGATGGCAGTGTGCCATTGCCAGCAAGCCACGAGAGGTGAGGGAGTTAAACGGT
CAGCACTTCATTTGGAGGAAGCCATCACGGGAGATTTTGTCTGGTGAAGCATGGAAAGCAGACCGGG
CAGGCAATGTGATTTTCAGGAAAAGTGCAAGAACTTCAATCTGCCAATGTGCAAAGCTGCAGGAACCTAC
CGTGGTGGAGGTTGAAGAAATTGTAGACATTGGCTCATTGCCCCAGAAGATATCCACATTTCAAAGATT
TATGTGCACCGCCTCATAAAGGGAGAGAAAATGAGAAGAGAATTGAGCGTTTATCACTCCGAAAGGAAG
GAGATGGAAAAGGCAATCCGGTAAGCCTGGAGGCGATGTGAGGGAACGGATCATCAAGCGAGCCGCCCT
GGAGTTTGAGGACGGCATGTACGCTAATTGGGTATTGGGATTCCTCTTCTGGCCAGCAACTTCATCAGT
CCCAACATGACTGTTTCATCTTCAAAGTGAAGTGGAGTCTTGGGCTGGGCCATACCCACTGAAAGACG
AAGCTGATGCGGATCTCATCAATGCAGGAAAGGAAACAGTACTGTTCTCCAGGAGCCTCTTTCTTCTC
CAGCGATGAGTCATTCGCCATGATTAGAGGGGACATGTCAATCTAACAAATGTTAGGAGCCATGCAAGTT
TCTAAGTATGGTACCTGGCCAAGTGGATGATACCTGGAAAAATGGTGAAGGAATGGGAGGAGCTATGG
ATTTGGTGTCCAGTTCAAAACCAAAGTGGTGGTCCCATGGAGCACTCTGCGAAGGGAAAATGCTCATAA
AATCATGGAGAAATGTACTACTCACTGACGGGCAAAACAGTGTGTCAACCGCATATTACAGAAAAGGGT
GTGTTTGACGTGGACAAGAAAAATGGTTTGACACTGATTGAGCTCTGGGAAGGCCTGACTGTTGATGACA
TCAAGAAGAGCACAGGCTGTGACTTTGCAGTTTCAACAAACCTCATGCCAATGCAGCAGATTTCAACTTG
AAGCATCCACTGAACATTTGTCCAGGCTGCCAAGATTGCATTTTCAACACATAGGATTTAAACGGAAGG
ATGTCAGTAATCAATAGTTACATTACACATTTAGCAAGAAGTTTCGGCTAGTTTTCTTAGTATTTCTG
GATTTGTGCAGCCATAGACATTGTTCTCCATCGTGATATATCAGTTCGGTGGGAAAAAAAAAAAAAAAAAAA AAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_024188
Insert Size:	1563 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:	<ol style="list-style-type: none">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:	BC003422 , AAH03422
RefSeq Size:	1823 bp
RefSeq ORF:	1563 bp
Locus ID:	67041
UniProt ID:	Q9D0K2
Cytogenetics:	15 A1
Gene Summary:	Key enzyme for ketone body catabolism. Transfers the CoA moiety from succinate to acetoacetate. Formation of the enzyme-CoA intermediate proceeds via an unstable anhydride species formed between the carboxylate groups of the enzyme and substrate (By similarity). [UniProtKB/Swiss-Prot Function]