

Product datasheet for **RN203501**

Eci1 (NM_017306) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eci1 (NM_017306) Rat Untagged Clone
Tag: Tag Free
Symbol: Eci1
Synonyms: Dci
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203501 representing NM_017306
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCTGGCTGCTGCGCGTCGCGTTCTGCTGCAGGCCGGATCCCGCTCGGCCGAGGGGGCCGTGG
ACGGCGCGCGCGCTTCTCTAACAAGCGGGTGTGGTGGAGAAGGAGGGCGAGGCAGGAATCGCAGTGAT
GAAGTTCAAGAACCCTCCAGTGAATCCCTCAGCTTGGAGTTTCTGACAGAGTTCGTCATCAGCCTGGAG
AAGCTGGAAAATGACAAGAGCATCCGAGGTGTCATCCTCACTTCGGAGCGCCCGGTATCTTCTCGGCTG
GCCTGGACTTGATGGAGATGTATGGCCGAACCCAGCCACTACGCTGAGTACTGGAAGGCTGTGCAGGA
GCTGTGGCTGAGGCTCTACTTGTCCAACCTGACCTTGATATCTGCCATCAATGGCGCCTCTCCAGCTGGA
GGCTGCCTCATGGCTCTCACCTGTGACTACAGGATAATGGCGGACAACCCCAAGTATACCATAGGATTGA
ATGAGAGCCTGCTGGCATTGTTGCCCTTCTGGTTAAAAGACAACACGTGAACACCATCGGGCACCG
AGCAGCCGAGCGTGCCCTTCAACTGGGGACGCTTTCCACCAGCAGAGGCCCTCAAGGTGGGTTTGGTG
GATGAGGTGGTACCTGAGGATCAGGTACACAGCAAGGCTCGCTCAGTGATGGCCAAGTGGTTCACCATTC
CGGACCATTCGCGCAGCTGACGAAGAGCATGATGCGGAAGGCCACGGCGGACAACCTGATCAAGCAGCG
AGAGGCTGACATCCAGAACTTACCAGTTTCATCTCCAGAGACTCCATCCAGAAGTCCCTGCACGTGTAC
TTGAAAAGCTCAAGCAAAGAAGGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017306
Insert Size: 870 bp



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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:	NM_017306.4 , NP_059002.2
RefSeq Size:	989 bp
RefSeq ORF:	870 bp
Locus ID:	29740
Cytogenetics:	10q12
Gene Summary:	catalyzes the interconversion of 3-cis-dodecenoyl-CoA and 2-trans-dodecenoyl-CoA in fatty acid beta oxidation [RGD, Feb 2006]