

Product datasheet for RN202644

Eci2 (NM_001006966) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eci2 (NM_001006966) Rat Untagged Clone
Tag: Tag Free
Symbol: Eci2
Synonyms: Peci
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202644 representing NM_001006966
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCAGTGACCTGGAGTCGGGCGCGGTGCTGGTGTCCGAGTCTCCTGCAGGTCTCAGATTACCAG
 TGACTAACTGCACCTAGGCAGACCAGCCATGAGAGCCACTCAGCAGGACTTCGAAAATGCAATGAACCA
 GGTGAACTCTTGAAGAAGGACCAGGAAATGAAGTGAAGCTGAGACTGTATGCGCTGTATAAGCAGGCC
 ACAGAAGGACCCTGCACTATGCCTAAACCAGGTGTGTTTGACTTTGTCAATAAAGCCAAGTGGGATGCAT
 GGAATGCTCTGGGAGCCTACCAAAGGAAACTGCCAGGCAGAAGCTATGTGGACCTCGTATCCAGTTTGAG
 TTCCTCATCTGAAGCCTCGAGCCAGGAAAGGGTGGAGCTGATGGGAAAGCCAGGAGTCCAAGGGCATC
 CTGGTAACGTCTGAAGGTGGCATCACAAGATCACGTTCAATCGGCCCTCCAAAAAGAACGCCATAACCT
 TCCAGATGTATCAGGATATTATACTCGCGCTTAAGAATGCCAGCACGGATGACACAGTCATCACCGTTTT
 CACAGGAGCTGGTACTACTACAGCAGTGGGAATGACCTGACTAACTTCACTAGCGCCTCTGGGGGAATG
 GAGGAGGCGGCTAACAAGGTGCTATAGTACTGAGGGAATTTGTAACACTTTTATAGACTTTCCCAAGC
 CTCTGGTTGCAGTAGTCAATGGCCAGCTGTGGGAATCTCTGTACCCTTCTGGGACTATTTGATGCCGT
 CTATGCATCGGACAGGGCAACATTTACTACTCCATTGAGCCACCTCGGCCAGAGCCGGAAGCCTGCTCC
 TCTTACACGTTTTCCGAAGATGATGGGCTCAGCAAAGGCAGCTGAGATGCTTCTCTTTGGGAAGAAGCTCA
 CAGCAAGAGAGGCTTGGGCTCAAGGCCTTGTCACTGAAGTTTTCCCTGAAAGCACTTTTGAGACAGAAGT
 CTGGACCAGGCTGAAAACATATGCGAAGCTCCCGCCAACTCCATGAGAAATTTCCAAAGAGTTAATCAGG
 AAGAATGAGAAAGAAAAGCTCCATGCAGTTAACGAGGAGGAGTGCCTACTTTACGAGCAAGGTGGCTGT
 CAGAGGAGTGCATCAACGCAATCATGAGCTTTGTTACCAGAAAGCCAAAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001006966
Insert Size:	1176 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:	<u>NM_001006966.1</u> , <u>NP_001006967.1</u>
RefSeq Size:	1610 bp
RefSeq ORF:	1176 bp
Locus ID:	291075
UniProt ID:	<u>Q5XIC0</u>
Cytogenetics:	17p12
Gene Summary:	Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species. Has a preference for 3-trans substrates.[UniProtKB/Swiss-Prot Function]