Recombinant Rat Eci1 Protein, His-tagged

Cat. No. Eci1-1399R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Eci1 Protein (Phe29-Gly289) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Phe29-Gly289
Description	Enables dodecenoyl-CoA delta-isomerase activity and identical protein binding activity. Involved in fatty acid beta-oxidation. Located in mitochondrion. Orthologous to human ECI1 (enoyl-CoA delta isomerase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Eci1 enoyl-CoA delta isomerase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Eci1
Synonyms	ECI1; enoyl-CoA delta isomerase 1; enoyl-CoA delta isomerase 1, mitochondrial; 3,2 trans-enoyl-coenyme A isomerase; 3,2-trans-enoyl-CoA isomerase, mitochondrial; D3,D2-enoyl-CoA isomerase; delta(3),Delta(2)-enoyl-CoA isomerase; dodecenoyl-CoA isomerase; dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenyme A isomerase); dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase); enoyl-Coenzyme A delta isomerase 1; EC 5.3.3.8
Gene ID	29740
mRNA Refseq	NM_017306
Protein Refseq	NP_059002
UniProt ID	P23965

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