

Recombinant Mouse Eci1 Protein, His-tagged

Cat. No. Eci1-1400M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Eci1 Protein (Phe29-Gly289) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Phe29-Gly289
Description	Enables dodecenoyl-CoA delta-isomerase activity. Acts upstream of or within fatty acid beta-oxidation. Located in mitochondrial inner membrane. Is expressed in testis. Orthologous to human ECI1 (enoyl-CoA delta isomerase 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.9 kDa Accurate Molecular Mass: 32 kDa
Purity	> 95%
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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-Coenzyme A delta isomerase 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Eci1](#)

Synonyms

Eci1; enoyl-Coenzyme A delta isomerase 1; Dci; eci; enoyl-CoA delta isomerase 1, mitochondrial; 3,2 trans-enoyl-Coenzyme 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-Coenzyme A isomerase); EC 5.3.3.8

Gene ID

[13177](#)

mRNA Refseq

[NM_010023](#)

Protein Refseq

[NP_034153](#)

UniProt ID

[P42125](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA