

## Recombinant Human CPT1C Protein, His-tagged

Cat. No. CPT1C-835H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPT1C Protein (Val546-Phe803) with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val546-Phe803
<b>Description</b>	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein regulates the beta-oxidation and transport of long-chain fatty acids into mitochondria, and may play a role in the regulation of feeding behavior and whole-body energy homeostasis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.9 kDa; Accurate Molecular Mass: 33 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

48h, and no obvious degradation and precipitation were observed. The loss rate is 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**

CPT1C carnitine palmitoyltransferase 1C [ Homo sapiens (human) ]

**Official Symbol**

CPT1C

**Synonyms**

CPT1C; carnitine palmitoyltransferase 1C; carnitine O-palmitoyltransferase 1, brain isoform; CPT1P; CPTIC; FLJ23809; carnitine palmitoyltransferase I related C; carnitine O-palmitoyltransferase I, brain isoform; CATL1; CPT1-B; CPTI-B;

**Gene ID**

126129

**mRNA Refseq**

NM\_001136052

**Protein Refseq**

NP\_001129524

**MIM**

608846

**UniProt ID**

Q8TCG5

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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