

## Recombinant Human CPT2 protein, His&Myc-tagged

Cat. No. CPT2-5654H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human CPT2 protein(P23786)(209-658aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                 |
| Species          | Human                                                                                                                                                                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                                                                                                                                                                            |
| ProteinLength    | 209-658aa                                                                                                                                                                                                                                                                                                         |
| Form             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                |
| Molecular Mass   | 57.6 kDa                                                                                                                                                                                                                                                                                                          |
| Purity           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| Storage          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| Reconstitution   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 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

**AA Sequence**

AYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDDQDGNIVS  
 PSEIQAHLKYILSDSSPAPEFPLAYLTSENNDIWAELRQKLMSSGNEESLRKVDSAVF  
 CLCLDDFPIKDLVHLSHNLHGDGTNRWFDKSFNLIIAKDGSTAVHFEHSWGDGVA  
 VLRFFNEVFKDSTQTPAVTPQSQPATTDSTVTVQKLNFDLTDALKTGITAAKEKFDAT  
 MKTLTIDCVQFQRRGGKEFLKKQKLSPDAVAQLAFQMAFLRQYGGQTVATYESCSTAA  
 FKHGRTEITRPASVYTKRCSEAFVREPSRHSAGELQQMMVECSKYHGLTKEAAM  
 GQGFDRLHFLALRHAAAKGIILPELYLDPAYGQINHNVLSTSTLSSPAVNLGGFAPVV  
 SDGFGVGYAVHDNWIGCNVSSYPGRNAREFLQCVEKALEDMDALEGKSIKS

**GENE INFORMATION**

**Gene Name** CPT2 carnitine palmitoyltransferase 2 [ Homo sapiens ]

**Official Symbol** CPT2

**Synonyms** CPT2; carnitine palmitoyltransferase 2; carnitine palmitoyltransferase II , CPT1; carnitine O-palmitoyltransferase 2, mitochondrial; CPTASE; CPT II; carnitine palmitoyltransferase II; CPT1; IIAE4;

**Gene ID** 1376

**mRNA Refseq** NM\_000098

**Protein Refseq** NP\_000089

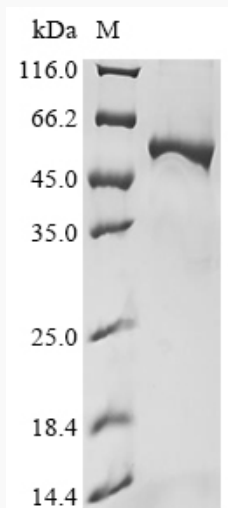
**MIM** 600650

**UniProt ID** P23786

 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

**SDS-PAGE**

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