



# Recombinant Human Carnitine O-palmitoyltransferase 2, mitochondrial (CPT2), partial

<b>Product Code</b>	CSB-EP005925HU-B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P23786
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLDQDG NIVSPSEIQAHLKYILSDSSPAPEFPLAYLTSENARDIWAELRQKLMSSGNEESLR KVDSAVFCLCLDDFPKDLVHLSHNMLHGDGTNRWFDKSFNLIKDGSTAVHF EHSWGDGVAVLRFFNEVFKDSTQTPAVTPQSQPATTDSTVTVQKLN FELTDA LKTGITAAKEKFDATMKTLTIDCVQFQRRGGKEFLKQKQLSPDAVAQLAFQMAFL RQYGQTVATYESCSTAFAFKHGRTE TIRPASVYTKRCSEAFVREPSRHSAGEL QQMMVECSKYHGQLTKEAAMGGFDRHLFALRHAAAKGIILPELYLDPAYG QINHNLSTSTLSSPAVNLGGFAPVVS DGFVGVYAVHDNWIGCNVSSYPGRN AREFLQCVEKALED MFDALEGKSIKS
<b>Source</b>	E.coli
<b>Target Names</b>	CPT2
<b>Protein Names</b>	Recommended name: Carnitine O-palmitoyltransferase 2, mitochondrial EC= 2.3.1.21 Alternative name(s): Carnitine palmitoyltransferase II Short name= CPT II
<b>Expression Region</b>	209-658aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	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. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.