

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.

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AA Sequence

AYPLDMSQYFRLFNSTRLPKPSRDELFTDDKARHLLVLRKGNFYIFDVLQDGNIVS
 PSEIQAHLKYILSDSSPAPEFPLAYLTSENNDIWAELRQKLMSSGNEESLRKVDSAVF
 CLCLDDFPIKDLVHLSHNLHGDGTNRWFDKSFNLIIAKDGSTAVHFEHSWGDGVA
 VLRFFNEVFKDSTQTPAVTPQSQPATTDSTVTVQKLNFDLTDALKTGITAAKEKFDAT
 MKTLTIDCVQFQRRGGKEFLKKQKLSPDAVAQLAFQMAFLRQYGGQTVATYESCSTAA
 FKHGRTEIRPASVYTKRCSEAFVREPSRHSAGELQQMMVECSKYHGLTKEAAM
 GQGFDRLHFLALRHAAAKGIILPELYLDPAYGQINHNVLSTSTLSSPAVNLGGFAPVV
 SDGFGVGYAVHDNWIGCNVSSYPGRNAREFLQCVEKALEDMFDALEGKSIKS

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](#)

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