

Recombinant Human CPT1C protein, His-tagged

Cat. No. CPT1C-3179H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPT1C protein(293-442 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	293-442 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SAQYEKIFNTTRIPGVQKDYIRHLHDSQHVAVFHRGRFFRMGTHSRNSLLSPRALEQ QFQRILDDPSPACPHEEHLAALTAAPRGTWAVRTSLKTQAAEALAVEGAFFVSL DAEPAGLTREDPAASLDAYAHALLAGRGHDRWFDKS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	CPT1C carnitine palmitoyltransferase 1C [Homo sapiens]
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

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