

Recombinant Human CPT1A protein, GST-tagged

Cat. No. CPT1A-5732H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPT1A protein(406-756 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	406-756 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.
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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	QSLDAVEKAAFFVTLDETEEGYRSEDPDTSMDSYAKSLLHGRCYDRWFDKSFTFVV FKNGKMGMLNAEHSWADAPIVAHLWEYVMSIDSLQLGYAEDGHCKGDINPNIPYPTR LQWDIPGECQEVIETSLNTANLLANDVDFHSFPFVAFGKGIIKKCRTSPDAFVQLALQ LAHYKDMGKFCLTYEASMTRLFREGRTETVRSCTTESCDFVRAMVDPAQTVEQRLK LFKLASEKHQHMYRLAMTGSGIDRHLFCLYVVS KYLAVESPF LKEVLSEPWRLSTSQ TPQQQVELFDLENNPEYVSSGGGFGPVADDGYGVSYILVGENLINFHISKFSPET GIISQGPSSDT

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Purity 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol [CPT1A](#)

Synonyms CPT1A; carnitine palmitoyltransferase 1A (liver); CPT1; carnitine O-palmitoyltransferase 1, liver isoform; CPT1 L; L CPT1; CPT I; CPTI-L; carnitine palmitoyltransferase I, liver; carnitine O-palmitoyltransferase I, liver isoform; CPT1-L; L-CPT1;

Gene ID [1374](#)

mRNA Refseq [NM_001031847](#)

Protein Refseq [NP_001027017](#)

MIM [600528](#)

UniProt ID [P50416](#)

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SDS-PAGE



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