

Recombinant Mouse Cpt1a Protein, MYC/DDK-tagged

Cat. No. Cpt1a-936M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse carnitine palmitoyltransferase 1a, liver (Cpt1a), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Broad expression in kidney adult (RPKM 56.8), adrenal adult (RPKM 53.2) and 26 other tissues
Molecular Mass	88.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Cpt1a carnitine palmitoyltransferase 1a, liver [Mus musculus (house mouse)]
Official Symbol	Cpt1a
Synonyms	Cpt1a; carnitine palmitoyltransferase 1a, liver; CPTI; Cpt1; C730027G07; carnitine O-palmitoyltransferase 1, liver isoform; CPT I; CPT1-L; CPTI-L; L-CPT I; carnitine O-palmitoyltransferase I, liver isoform; carnitine palmitoyltransferase 1, liver; EC 2.3.1.21
Gene ID	12894
mRNA Refseq	NM_013495
Protein Refseq	NP_038523
UniProt ID	P97742

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