

Recombinant Human CPT2 protein, MYC/DDK-tagged

Cat. No. CPT2-391H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPT2, fused with MYC/DDK at C-terminal, was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	71.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CPT2 carnitine palmitoyltransferase 2 [Homo sapiens]
Official Symbol	CPT2
Synonyms	CPT2; carnitine palmitoyltransferase 2; carnitine palmitoyltransferase II , CPT1;

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	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
Chromosome Location	1p32
Pathway	Fatty Acid Beta Oxidation, organism-specific biosystem; Fatty acid metabolism, organism-specific biosystem; Fatty acid metabolism, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Import of palmitoyl-CoA into the mitochondrial matrix, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	carnitine O-palmitoyltransferase activity; transferase activity, transferring acyl groups;