

Carnitine O-palmitoyltransferase 2, mitochondrial (CPT2) Recombinant Protein | CPT2 recombinant protein

Recombinant Human Carnitine O-palmitoyltransferase 2, mitochondrial (CPT2)

CATALOG # AAA113187	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Carnitine O-palmitoyltransferase 2; mitochondrial (CPT2); Recombinant Human Carnitine O-palmitoyltransferase 2; CPT2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	209-658aa; Partial
Sequence	AYPLDMSQYF RLFNSTRLPK PSRDELFTDD KARHLLVLRK GNFIYFDVLD QDGNIVSPSE IQAHLKYILS DSSPAPEFPL AYLTSENNDI WAELRQKLMS SGNEESLRKV DSAVFCLCLD DFPIKDLVHL SHNMLHGDGT NRWFDKSNL IIAKDGSTAV HFEHSWGDGV AVLRFFNEVF KDSTQTPAVT PQSQPATTDTS TVTVQKLNFE LTDALKTGIT AAKEKFDATM KTLTIDCVQF QRGGKEFLKK QKLSPDAVAQ LAFQMAFLRQ YGQTVATYES CSTAAFKHGR TETIRPASVY TKRCSEAFVR EPSRHSAGEL QQMMVECSKY HGQLTKEAAM GQGFDRLFA LRHLAAAKGI ILPELYLPA YGQINHNVLSTSTLSSPAVN LGGFAPVSD GFGVGYAVHD NWIGCNVSSY PGRNAREFLQ CVEKALEDMF DALEKSIKS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for CPT2 recombinant protein	This protein is a nuclear protein which is transported to the mitochondrial inner membrane. Together with carnitine palmitoyltransferase I, the encoded protein oxidizes long-chain fatty acids in the mitochondria. Defects in this gene are associated with mitochondrial long-chain fatty-acid (LCFA) oxidation disorders.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503023
NCBI GeneID	1376
NCBI Accession #	NP_000089.1
NCBI GenBank Nucleotide #	NM_000098.2
UniProt Accession #	P23786 ; Q5SW68 ; Q9BQ26 ; B2R6S0
Molecular Weight	73,777 Da
NCBI Official Full Name	carnitine O-palmitoyltransferase 2, mitochondrial isoform 1
NCBI Official Synonym Full Names	carnitine palmitoyltransferase 2
NCBI Official Symbol	CPT2

NCBI Official Synonym Symbols	CPT1; IIAE4; CPTASE
NCBI Protein Information	carnitine O-palmitoyltransferase 2, mitochondrial
UniProt Protein Name	Carnitine O-palmitoyltransferase 2, mitochondrial
UniProt Gene Name	CPT2
UniProt Synonym Gene Names	CPT1; CPT II

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cpt2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113187>