



Recombinant Human Carnitine O-palmitoyltransferase 1, liver isoform (CPT1A)

Product Code	CSB-CF005922HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P50416
Product Type	Transmembrane Protein
Immunogen Species	Homo sapiens (Human)
Sequence	<p>AEAHQAVAFQFTVTPDGIDLRLSHEALRQIYLSGLHSWKKKFIRFKNGIITGVYP ASPSS WLIVVVGVMTTMYAKIDPSLGIIAKINRTLETANCMSSQTKNVVSGVLFGTGLW VALIVT MRYSLKVLLSYHGWMFTEHGKMSRATKIWMGMVKIFSGRKPMLYSFQTS LPR LPVPAVKD TVNRYLQSVRPLMKEEDFKRMTALAQDFAVGLGPRLQWYLKLKSWWATNYV SDWWEYIY LRGRGPLMVNSNYAMDLLYILPTHIQAARAGNAIHAILLYRRKLDREEIKPIRL GSTI PLCSAQWERMFNSTRIPGEETDTIQHMRDSKHIVVYHRGRYFKVWLYHDGRL LKPREMEQ QMQRILDNTSEPQPGEARLAALTAGDRVPWARCRQAYFGRGKNKQSLDAVE KAAFFVTLT ETEEGYRSEDPDTSMDSYAKSLLHGRCYDRWFDKSFTFVVFKNKMGMLNAE HSWADAPIV AHLWEYVMSIDSLQLGYAEDGHCKGDINPNIPYPTRLQWDIPGECQEVIETSLN TANLLA NDVDFHSFPFVAFGKGIKKCRTSPDAFVQLALQLAHYKDMGKFCLTYEASMT RLFREGR TETVRSCTTESCDFVRAMVDPAQTVEQRLKLFKLASEKHQHMYRLAMTGSGI DRHLFCLY VVSKYLAVESPFLKEVLSEPWRLSTSQTQQQVELFDLENNPEYVSSGGGFG PVADDGYG VSYILVGENLINFHISSKFSCPETDSHRFGRHLKEAMTDIITLFGGLSSNSKK</p>
Source	in vitro E.coli expression system
Target Names	CPT1A
Protein Names	Recommended name: Carnitine O-palmitoyltransferase 1, liver isoform Short name= CPT1-L EC= 2.3.1.21 Alternative name(s): Carnitine O-palmitoyltransferase I, liver isoform Short name= CPT I Short name= CPTI-L Carniti
Expression Region	2-773
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Shelf Life	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.</p>