



Recombinant Rat Carnitine O-palmitoyltransferase 1, liver isoform (Cpt1a)

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| Product Code | CSB-CF005922RA |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P32198 |
| Product Type | Transmembrane Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Sequence | <p>AEAHQAVAFQFTVTPDGIDLRLSHEALKQICLSGLHSWKKKFIRFKNGIITGVFP ANPSS WLIVVVGVISSMHAKVDPSLGMIAKISRDLDTTGRMSSQTKNIVSGVLFGTGLW VAVIMT MRYSLKVLLSYHGWMFAEHGKMSRSTKIWMAMVKVLSGRKPMLYSFQTSPLP RLPVPVKD TVSRYLESVRPLMKEEDFQRMTALAQDFAVNLGPKLQWYLKLSWWATNYV SDWWEYIY LRGRGPLMVNSNYAMEMLYITPTHIQAARAGNTIHAILLYRRTLDREELKPIRL LGSTI PLCSAQWERLFNTSRIPGEETDTIQHIKDSRHIVVYHRGRYFKVWLYHDGRLL RPRELEQ QMQQILDDPSEPQPGEAKLAALTAADRVPWAKCRQTYFARGKNKQSLDAVEK AAFFVTLD ESEQGYREEDPEASIDSYAKSLLHGRCFDRWFDKSITFVFKNSKIGINAEHS WADAPVV GHLWEYVMATDVFQLGYSEDGHCKGDTNPNIKPTRLQWDIPGECQEVIDAS LSSASLLA NDVDLHSFPFDSFGKGLIKKCRTPDAFIQLALQLAHYKDMGKFCLTYEASMT RLFREGR TETVRSCTMESC�FVQAMMDPKSTAEQRLKLFKIACEKHQHLRLAMTGAGID RHLFCLY VVSKYLAVDSPFLKEVLSEPWRLSTSQTQQQVELDFEKNPDYVSCGGGFG PVADDGYG VSYIIVGENFIHFHISSKFSSPETDSHRFGKHLRQAMMDIITLFGILTINSKK</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

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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.