

Recombinant Full Length Mouse Carnitine O-Palmitoyltransferase 1, Brain Isoform(Cpt1C) Protein, His-Tagged

Cat. No. RFL4702MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Carnitine O-palmitoyltransferase 1, brain isoform(Cpt1c) Protein (Q8BGD5) (1-798aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-798)
Form	Lyophilized powder
AA Sequence	<p>MAEAHQASSLLSSLSSDGALEVELSSPVWQEIYLCALRSWKRHLWRVWNDFLAGVV PATPL SWLFLFSTIQLACLLQLDPSLGLMEKIKELLPDWGGQHHQLQGFLSAAVFAS CLWGALIF TLHVALRLLLSHHGWLLEPHGAMSSPTKTWLALVRIFSGRHPRLFSFQR ALPRQPVPSAQ ETVRKYLESVRPVLGDDAFDRATALANDFLRLHAPRLQLYLQLKS WCTSNYVSDWWEFV YLRSRGLINSTYYMMDFLYVTPTPLQAARAGNAVHTLLL YRHLLNRQEISPTLLMGRP LCSAQYERMFNTTRIPGVEKDHLRHLQDSRHVAVFH RGRFFRVGTHSPNGLLSPRALEQQ FQDILDDPSPACPLEEHLAALTAAPRSMWAQ VRESVKTHAATALEAVEGAFFVSLDSEP AGLTREDPAASLDAYAHALLAGRGHDR WFDKSFTLIVFSNGKLGLSVEHSWADCPVSGHL WEFTLATECFQLGYATDGHCKG HPDPTLPQPQRLQWDLPEQIQPSISLALRGAKTLSGNI DCHVFPFSHFGKSFICKCH</p>

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VSSDSFIQLVLQLAHFRDRGQFCLTYESAMTRLFLEGRTET VRSC TREACQFVRAM
 DNKETDQHCLALFRVAVDKHKHALLKAAMSGQGIDRHLFALYIMSR LLHMQSPFLTQ
 VQSQQWLLSTSQVPVQQTHLIDVHNYPDYVSSGGGFGPAHDHGYGISYI FMGENAI
 TFHISSKKSSTETDSHRLGQHIEALLDVASLFRVGGHFQRFRGENSDYRYN FLS
 CKTVDPNTPPTSSTNL

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Cpt1c

Synonyms Cpt1c; Carnitine O-palmitoyltransferase 1, brain isoform; CPT1-B; CPT 1C; Carnitine O-palmitoyltransferase I, brain isoform; CPTI-B; Carnitine palmitoyltransferase 1C

UniProt ID [Q8BGD5](#)

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