

Recombinant Human CPT1B Protein, GST-tagged

Cat. No. CPT1B-1819H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPT1B partial ORF (NP_004368, 673 a.a. - 772 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene, a member of the carnitine/choline acetyltransferase family, is the rate-controlling enzyme of the long-chain fatty acid beta-oxidation pathway in muscle mitochondria. This enzyme is required for the net transport of long-chain fatty acyl-CoAs from the cytoplasm into the mitochondria. Multiple transcript variants encoding different isoforms have been found for this gene, and read-through transcripts are expressed from the upstream locus that include exons from this gene. [provided by RefSeq, Jun 2009]
Molecular Mass	36.74 kDa
AA Sequence	FLAEVLSEPWRLSTSQIPQSQIRMFDPHQHPNHLGAGGGFGPVADDGYGVSYMIAG ENTIFFHISSKFSSSETNAQRFGNHIRKALLDIADLFQVPKAYS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

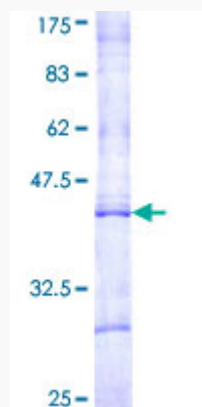
GENE INFORMATION

Gene Name	CPT1B carnitine palmitoyltransferase 1B (muscle) [Homo sapiens]
Official Symbol	CPT1B
Synonyms	CPT1B; carnitine palmitoyltransferase 1B (muscle); carnitine O-palmitoyltransferase 1, muscle isoform; CPT1 M; M CPT1; carnitine palmitoyltransferase I-like protein; carnitine O-palmitoyltransferase I, mitochondrial muscle isoform; CPTI; CPT1M; MCPT1; CPT1-M; CPTI-M; M-CPT1; MCCPT1; FLJ55729; FLJ58750; KIAA1670;
Gene ID	1375
mRNA Refseq	NM_001145134
Protein Refseq	NP_001138606
MIM	601987
UniProt ID	Q92523

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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