



[Go to Product page](#)

Datasheet for ABIN2712539

CPT1C Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	CPT1C
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPT1C protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human CPT1C / CPT1-B (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	CPT1C
Alternative Name:	Cpt1c,cpt1-B (CPT1C Products)
Background:	This gene encodes a member of the carnitine/choline acetyltransferase family. The encoded protein regulates the beta-oxidation and transport of long-chain fatty acids into mitochondria, and may play a role in the regulation of feeding behavior and whole-body energy homeostasis.

Target Details

Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene.

Molecular Weight: 90.8 kDa

NCBI Accession: [NP_689572](#)

Pathways: [AMPK Signaling](#), [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot