

Recombinant Rat Cpt1a protein, His & GST-tagged

Cat. No. Cpt1a-1454R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cpt1a aa. (Leu572-Lys773 (Accession # P32198) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu572-Lys773
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.0kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

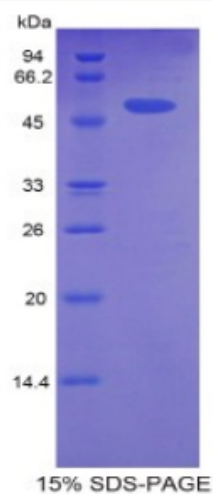
Gene Name	Cpt1a carnitine palmitoyltransferase 1A [Rattus norvegicus (Norway rat)]
Official Symbol	Cpt1a
Synonyms	CPT-Ia; CPT I; CPT1-L; CPTI-L; Carnitine palmitoyltransferase 1 alpha, liver isoform; carnitine O-palmitoyltransferase I, liver isoform; carnitine palmitoyltransferase 1, liver; carnitine palmitoyltransferase 1a, liver; carnitine O-palmitoyltransferase 1, liver isoform
Gene ID	25757
mRNA Refseq	NM_031559.2
Protein Refseq	NP_113747.2
UniProt ID	P32198

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SDS-PAGE



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