abcam

Product datasheet

Recombinant Human CPT2 protein ab114539

画像数 1

製品の詳細

製品名	Recombinant Human CPT2 protein
発現系	Wheat germ
アクセッション番号	P23786
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MVPRLLLRAW PRGPAVGPGA PSRPLSAGSG PGQYLQRSIV PTMHYQDSLP RLPIPKLEDT IRRYLSAQKP LLNDGQFRKT EQFCKSFENG IGKELHEQLV ALDKQNKHTS YISGPWFDMY LSARDSVVLN FNPFMAFNPD PKSEYNDQLT RATNMTVSAI RFLKTLRAGL LEPEVFHLNP AKSDTITFKR LIRFVPSSLS WYGAYLVNAY PLDMSQYFRL FNSTRLPKPS RDELFTDDKA RHLLVLRKGN FYIFDVLDQD GNIVSPSEIQ AHLKYILSDS SPAPEFPLAY LTSENRDIWA ELRQKLMSSG NEESLRKVDS AVFCLCLDDF PIKDLVHLSH NMLHGDGTNR WFDKSFNLII AKDGSTAVHF EHSWGDGVAV LRFFNEVFKD STQTPAVTPQ SQPATTDSTV TVQKLNFELT DALKTGITAA KEKFDATMKT LTIDCVQFQR GGKEFLKKQK LSPDAVAQLA FQMAFLRQYG QTVATYESCS TAAFKHGRTE TIRPASVYTK RCSEAFVREP SRHSAGELQQ MMVECSKYHG QLTKEAAMGQ GFDRHLFALR HLAAAKGIIL PELYLDPAYG QINHNVLSTS TLSSPAVNLG GFAPVVSDGF GVGYAVHDNW IGCNVSSYPG RNAREFLQCV EKALEDMFDA LEGKSIKS
予測される分子量	101 kDa including tags
領域	1 to 658

特性

Our **Abpromise guarantee** covers the use of **ab114539** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE ELISA Western blot
製品の状態	Liquid

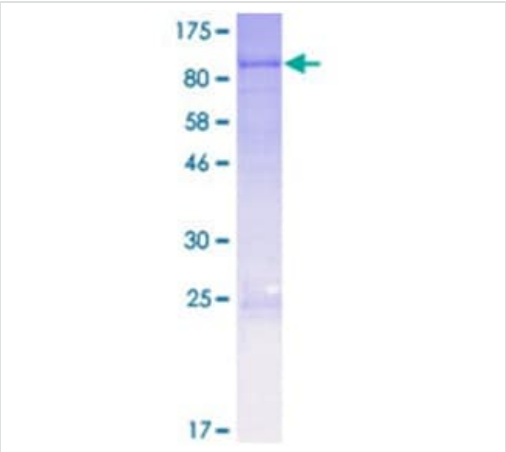
前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

関連情報

パスウェイ	Lipid metabolism; fatty acid beta-oxidation.
関連疾患	Defects in CPT2 are the cause of carnitine palmitoyltransferase 2 deficiency (CPT2D) [MIM:255110, 600649]; also known as CPT-II deficiency or CPT2 deficiency. CPT2D is an autosomal recessive disorder characterized by recurrent myoglobinuria, episodes of muscle pain, stiffness, and rhabdomyolysis. These symptoms are triggered by prolonged exercise, fasting or viral infection and patients are usually young adults. In addition to this classical, late-onset, muscular type, a hepatic or hepatocardiomuscular form has been reported in infants. Clinical pictures in these children or neonates include hypoketotic hypoglycemia, liver dysfunction, cardiomyopathy and sudden death. Defects in CPT2 are the cause of carnitine palmitoyltransferase 2 deficiency, lethal neonatal (CPT2D-LN) [MIM:608836]; also known as lethal neonatal CPT-II deficiency. It is a lethal neonatal form of CPT2D. This rarely presentation is antenatal with cerebral periventricular cysts and cystic dysplastic kidneys. The clinical variability of the disease is likely attributed to the variable residual enzymatic activity.
配列類似性	Belongs to the carnitine/choline acetyltransferase family.
細胞内局在	Mitochondrion inner membrane.

画像



SDS-PAGE - Recombinant Human CPT2 protein (ab114539)

ab114539 anaylsed on a 12.5% SDS-PAGE Stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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