abcam

Product datasheet

Recombinant Human Serine Palmitoyltransferase protein ab152996

画像数 1

製品の詳細

製品名	Recombinant Human Serine Palmitoyltransferase protein
発現系	Wheat germ
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MRPEPGGCCCRRTVRANGCVANGEVRNGYVRSSAAAAAAAAAA GQIHHVTQ NGGLYKRPFNEAFEETPMLVAVLTYVGYGVLTLFGYLRDFLR YWRIEKCH HATEREEQKDFVSLYQDFENFYTRNLYMRIRDNWNRPICSVP GARVDIME RQSHDYNWSFKYTGNIIKGVINMGSYNYLGFARNTGSCQEAA AKVLEEYG AGVCSTRQEIGNLDKHEELEELVARFLGVEAAMAYGMGFATN SMNIPALV GKGCLILSDELNHASLVLGARLSGATIRIFKHNNMQSLEKLL KDAIVYGQ PRTRRPWKKILILVEGIYSMEGSIVRLPEVIALKKKYKAYLY LDEAHSIG ALGPTGRGVVEYFGLDPEDVDVMMGTFTKSFGASGGYIGGKK ELIDYLRT HSHSAVYATSLSPPVVEQIITSMKCIMGQDGTSLGKECVQQL AENTRYFR RRLKEMGFIIYGNEDSPVVPLMLYMPAKIGAFGREMLKRNIG VVVVGFPA TPIIESRARFCLSAAHTKEILDTALKEIDEVGDLLQLKYSRH RLVPLLDR PFDETTYEETED
領域	1 to 562
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab152996** 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	Western blot ELISA
製品の状態	Liquid
備考	

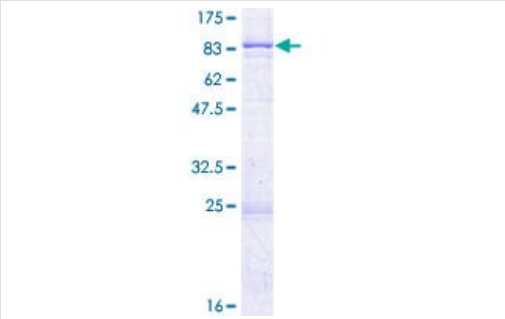
前処理および保存

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: 0.31% Glutathione, 0.79% Tris HCl

関連情報

機能	Serine palmitoyltransferase (SPT). The heterodimer formed with LCB1/SPTLC1 constitutes the catalytic core. The composition of the serine palmitoyltransferase (SPT) complex determines the substrate preference. The SPTLC1-SPTLC2-SSSPTA complex shows a strong preference for C16-CoA substrate, while the SPTLC1-SPTLC2-SSSPTB complex displays a preference for C18-CoA substrate.
組織特異性	Widely expressed.
パスウェイ	Lipid metabolism; sphingolipid metabolism.
関連疾患	Defects in SPTLC2 are the cause of hereditary sensory and autonomic neuropathy type 1C (HSAN1C) [MIM:613640]. It is a form of hereditary sensory and autonomic neuropathy, a genetically and clinically heterogeneous group of disorders characterized by degeneration of dorsal root and autonomic ganglion cells, and by prominent sensory abnormalities with a variable degree of motor and autonomic dysfunction. The neurological phenotype is often complicated by severe infections, osteomyelitis, and amputations. HSAN1C symptoms include loss of touch and vibration in the feet, dysesthesia and severe panmodal sensory loss in the upper and lower limbs, distal lower limb sensory loss with ulceration and osteomyelitis, and distal muscle weakness.
配列類似性	Belongs to the class-II pyridoxal-phosphate-dependent aminotransferase family.
細胞内局在	Endoplasmic reticulum membrane.

画像



SDS-PAGE - Recombinant Human Serine Palmitoyltransferase protein (ab152996)

ab152996 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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