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Datasheet for ABIN1656059

SPTLC1 Protein (AA 37-473) (His tag)

Overview

Quantity:	1 mg
Target:	SPTLC1
Protein Characteristics:	AA 37-473
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPTLC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>RLVF SKTYKLQERS DLTAKEKEEL</p> <p>IEEWQPEPLV PPVSKNHPAL NYNIVSGPPT HNIVVNGKEC VNFASFNFLG LLANPRVKAA</p> <p>ALASLKKEYGV GTCGPRGFYG TFDVHLDLEE RLAKFMRTEE AIYSYGFST IASAIPAYSK</p> <p>RGDIVFVDSA ACFAIQGLQ ASRSDIKLFK HNDVADLERL LKEQEIEDQK NPRKARVTRR</p> <p>FIVVEGLYMN TGTVCPLPEL VKLKYKYKAR IFLEESLSFG VLGEHGRGVT EHYGISIDDI</p> <p>DLISANMENA LASVGGFCCG RSFVVDHQRL SGQGYCFSAS LPPLAAAAI EALNIMEENP</p> <p>GIFAVLKKKC QHIHKS LQGI SGLKVVGESL SPALHLQLEE STGSREKDVQ LLQEMVIHCM</p> <p>NEGIALTQAR YLDKEEKCLP PPSIRVVTV EQTEELERA ASTIREAAQA VLL</p>
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: SPTLC1

Alternative Name: Serine palmitoyltransferase 1 (SPTLC1) ([SPTLC1 Products](#))

Background: Recommended name: Serine palmitoyltransferase 1.
EC= 2.3.1.50.
Alternative name(s): Long chain base biosynthesis protein 1.
Short name= LCB 1 Serine-palmitoyl-CoA transferase 1.
Short name= SPT 1.
Short name= SPT1

UniProt: [054695](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.