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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SPTLC2 (Human) Recombinant Protein (P01)

Catalog Number: H00009517-P01

Regulation Status: For research use only (RUO)

Product Description: Human SPTLC2 full-length ORF (NP_004854.1, 1 a.a. - 562 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRPEPGGCCRRTVRANGCVANGEVRNGYVRSSAA
AAAAAAGQIHVHTQNGGLYKRPFNEAFEETPMLVAV
LTYVGYGVLTLFGYLRDFLRWRIEKCHHATEREEQK
DFVSLYQDFENFYTRNLYMRIRDNWNRPICSVPGARV
DIMERQSHDYNWSFKYTGNIKGVINMGSYNYLGFAR
NTGSCQEAAAKVLEEYAGVCSTRQEIGNLDKHEELE
ELVARFLGVEAAMAYGMGFATNSMNIPALVGKGCLILS
DELNHASLVLGARLSGATIRIFKHNNMQSLEKLLKDAIV
YGQPRTRRPWKILILVEGIYSMEGSIVRLPEVIALKKK
YKAYLYLDEAHSIGALGPTGRGVVEYFGLDPEDVDVM
MGFTKSFSGASGGYIGGKKELIDYLRTHSHSAVYATSL
SPPVVEQIITSMKCMGQDGTSLGKECVQQLAENTRYF
RRRLKEMGFIIYGNEDSPVPLMLYMPAKIGAFGREML
KRNIGVVVVGFPATPIESRARFCLSAHTKEILDALKE
IDVGDLLQLKYSRHLRPLLDLPFDETTYEETED

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.3

Interspecies Antigen Sequence: Mouse (96); Rat (95)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9517

Gene Symbol: SPTLC2

Gene Alias: KIAA0526, LCB2, SPT2

Gene Summary: This gene encodes a long chain base subunit of serine palmitoyltransferase. Serine palmitoyltransferase, which consists of two different subunits, is the key enzyme in sphingolipid biosynthesis. It catalyzes the pyridoxal-5-prime-phosphate-dependent condensation of L-serine and palmitoyl-CoA to 3-oxosphinganine. Mutations in this gene were identified in patients with hereditary sensory neuropathy type I. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq]