Recombinant Human SPTSSB Protein, GST-tagged

Cat. No. SPTSSB-5233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C3orf57 full-length ORF (BAG35080.1, 1 a.a. - 76 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Serine palmitoyltransferase (SPT; EC 2.3.1.50) catalyzes the first committed and rate-limiting step in sphingolipid biosynthesis. SSSPTB is a small SPT subunit that stimulates SPT activity and confers acyl-CoA preference to the SPT catalytic heterodimer of SPTLC1 (MIM 605712) and either SPTLC2 (MIM 605713) or SPTLC3 (MIM 611120) (Han et al., 2009 [PubMed 19416851]).[supplied by OMIM, Nov 2010]
Molecular Mass	34.76 kDa
AA Sequence	MDLRRVKEYFSWLYYQYQIISCCAVLEPWERSMFNTILLTIIAMVVYTAYVFIPIHIRLA WEFFSKICGYHSTISN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	SPTSSB serine palmitoyltransferase small subunit B [Homo sapiens (human)]
Official Symbol	SPTSSB
Synonyms	SPTSSB; serine palmitoyltransferase small subunit B; Serine Palmitoyltransferase Small Subunit B; Small Subunit Of Serine Palmitoyltransferase B; Androgen Down Regulated In Mouse Prostate; C3orf57; SSSPTB; ADMP; Likely Ortholog Of Androgen Down Regulated Gene Expressed In Mouse Prostate; Serine Palmitoyltransferase, Small Subunit B; Chromosome 3 Open Reading Frame 57; Protein ADMP; serine palmitoyltransferase small subunit B; androgen down regulated in mouse prostate; likely ortholog of androgen down regulated gene expressed in mouse prostate; small subunit of serine palmitoyltransferase B
Gene ID	165679
mRNA Refseq	NM_001040100
Protein Refseq	NP_001035189
MIM	610412
UniProt ID	Q8NFR3

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