Datasheet for ABIN1615746

SPE3 Protein (AA 1-291) (His tag)

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Overview

Quantity:	1 mg
Target:	SPE3
Protein Characteristics:	AA 1-291
Origin:	Neurospora crassa
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPE3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSEIAHPTIQ DGWFREISNM WPGQAMTLKV EKVLHHEKSL YQDVLIFKST DHGNVLVLDN VIQCTERDEF SYQEMITHLA MNSHPNPKKV LVIGGGDGGV LREVVKHDCV EEAILCDIDE AVIRLSKQFL PHMSAGFEHP KVKVHVGDGF KFLEDFKNTF DVIITDSSDP EGPAESLFQK PYFQLLHDAL REGGVITTQA ENQWLHLPLI TKLKKDCKEV FPVAEYAYTT IPTYPSGQIG FMVCSKDPNA NVKVPLRSWS QEEEEKLCRY YNSEIHKASF ILPTFAKKAL E
Specificity:	Neurospora crassa (strain ATCC 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

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Target Details

Target:	SPE3
Alternative Name:	Spermidine synthase (spe-3) (SPE3 Products)
Background:	Recommended name: Spermidine synthase. Short name= SPDSY. EC= 2.5.1.16. Alternative name(s): Putrescine aminopropyltransferase
UniProt:	Q9Y8H7

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

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