Datasheet for ABIN1459278

SPATA18 Protein (AA 1-479) (His tag)

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Overview

Quantity:	1 mg
Target:	SPATA18
Protein Characteristics:	AA 1-479
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAGSLKKLAK AESCRLMQEK LESWSKDYEI NSCDQNLNQC CELIEMTSVI QGQLFTILNE TSRESGHYAG VDTIKTRLLP WLGTWFSHAT SGRLFETGLF LNQDSTETER KLRQLATSQT LQLQDLQEEL TSTRLELNHV QQDLAQTQLA LEDTKTQLAT TLLTAADEII QLRAVLKASR AQEEDSLRRL DHLNDCEQQI ERLRDELSIL DAQKSVLQSR IARSRSPSPR RIRSRSPSPL PLRSCSPGRA RSTNASRHAF LVARFGDIYS KDRFDAERIL RTYISDMEMV QRIIYTAAVE SFHAAKMAYR QFKMRVRKTL SIGHSGPESL EDTVMDYIVR HEDLYDVQAS VNEVIRSMNI NPKISSTPEC DFAVISSFIR ELCRVAFSMQ TLTPPLDVAF GMDGEFFSET KYHRSVDSDY TAALVAYHVW PALMENDVVI VKGEAVTKRG ALWSHRSRSR SQNRSRSVSP LLSHLSRSR
Specificity:	Gallus gallus (Chicken)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	SPATA18
Alternative Name:	Mitochondria-eating protein (SPATA18) (SPATA18 Products)
Background:	Recommended name: Mitochondria-eating protein. Alternative name(s): Spermatogenesis-associated protein 18
UniProt:	E1BW58

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.