



[Go to Product page](#)

Datasheet for ABIN1630199  
**SPATA18 Protein (AA 1-490) (His tag)**

Overview

Quantity:	1 mg
Target:	SPATA18
Protein Characteristics:	AA 1-490
Origin:	Zebrafish (Danio rerio)
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPATA18 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MADTLRRLVN SSPYSVLQDK LDAWYKDYHV YSCDQNLNRC CELVELTSKI QGQLFTILNL TAQEGGHYSY VDTLKSRLLP WLGSCFTIAA SAVSSDTSLS LIQESVEKDR KIRELSSVHE SNLQKIEDQL CSTRIELDSV KRELVDTHIE LDSTKNKSAT TLLATEDEIL HLKSELRVAQ DQLDLYKRKL DVLDDYERQV RILRDEVSFL NAEKTVLQDR LARSRSPSPL LRRSRVSPV RGESPTRAQL TSSSRHARLV SRFSDLYATE RLESQSLLLK YIDDLETVQR ILFIAAVESF QAAKLAYRQF KSRVRKTLSS THIGPESLED AVVDYIVRNL DLYDVQTSIN DVINAMNVNP RISFPPEVDF VLISSFIREA CRIAFAMQTL DPPLDLAFSS DGELYSDVKY RRSFDSEFTA PLVAFHVWPA LLEGDTVILK GEAVTRRGAL WKSRSRSSSP VRSRSGSPSR TFMASHSRSP SPGRLLSSRL
Specificity:	Danio rerio (Zebrafish) (Brachydanio rerio)
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

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Purity: > 90 %

## Target Details

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Target: SPATA18

Alternative Name: Mitochondria-eating protein (spata18) ([SPATA18 Products](#))

Background: Recommended name: Mitochondria-eating protein.  
Alternative name(s): Spermatogenesis-associated protein 18

UniProt: [Q503Q1](#)

## Application Details

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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

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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.