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Datasheet for ABIN1461869

## SPAM1 Protein (AA 36-492) (His tag)

### Overview

Quantity:	1 mg
Target:	SPAM1
Protein Characteristics:	AA 36-492
Origin:	Guinea Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPAM1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	DKRAP PLIPNVPLLW VWNAPTEFCI GGTNQPLDMS FFSIVGTPRK NITGQSITLY YVDRLGYYPY IDPHTGAIVH GGLPQLMNLQ QHLRKSQRDI LFYMPDTSVG LAVIDWEEWR PTWTRNWRPK DIYRNKSIEL VKSQHPQYNH SYAVAVAKRD FERTGKAFML ETLKLGKSLR PSSLWGYLYF PDCYNTHFTK PNYDGHCPPI ELQRNNDLQW LWNDSTALYP SVYLTSRVRS SQNGALYVRN RVHESIRVSK LMDDKNPLPI YVYIRLVFTD QTTTFLELDD LVHSGEIVP LGVSGIIIWG SLSLTRSLVS CIGLENYMKG TLLPYLINVT LAAKMCGQVL CKNQGICTRK DWNTNTYLHL NATNFDIELQ QNGKFVVHGK PSLEDLQEFS KNFHCSCYTN VACKDRLDVH NVRSVNVCTA NNICIDAVLN FPSLDDDDDEP PITDDTSQNNQ DS
Specificity:	Cavia porcellus (Guinea pig)
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

Purity: > 90 %

## Target Details

Target: SPAM1

Alternative Name: Hyaluronidase PH-20 (SPAM1) ([SPAM1 Products](#))

Background: Recommended name: Hyaluronidase PH-20.  
Short name= Hyal-PH20.  
EC= 3.2.1.35.  
Alternative name(s): Hyaluronoglucosaminidase PH-20 Sperm adhesion molecule 1 Sperm surface protein PH-20

UniProt: [P23613](#)

## 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 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

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

## Handling

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