

## Recombinant Mouse Spam1 Protein, His-tagged

Cat. No. Spam1-2092M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Spam1 Protein (Val36-Cys464) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val36-Cys464
<b>Description</b>	Enables hyaluronoglucosaminidase activity. Acts upstream of or within single fertilization. Located in acrosomal vesicle; external side of plasma membrane; and membrane raft. Orthologous to human SPAM1 (sperm adhesion molecule 1).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 52.8 kDa Accurate Molecular Mass: 53 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

Spam1 sperm adhesion molecule 1 [ *Mus musculus* (house mouse) ]

**Official Symbol**

Spam1

**Synonyms**

SPAM1; sperm adhesion molecule 1; hyaluronidase PH-20; hyal-PH20; sperm surface protein PH-20; hyaluronoglucosaminidase PH-20; Ph-20; AV039194;

**Gene ID**

20690

**mRNA Refseq**

NM\_001079875

**Protein Refseq**

NP\_001073344

**UniProt ID**

P48794

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA