

Recombinant Mouse Spam1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Spam1 Protein (Val36-Cys464) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val36-Cys464
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.8 kDa Accurate Molecular Mass: 53 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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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

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