

RPC866Mu01 100µg

Recombinant Sperm Adhesion Molecule 1 (SPAM1)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Val36~Cys464

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.9

Predicted Molecular Mass: 52.8kDa

Accurate Molecular Mass: 53kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

VDYRA APILSNTTFL
WIWNVPTERC VGNVNDPIDL SFFSLIGSPR KTATGQPRTL FYVDRGLGLYP
HIDANQAEHY GGIPQRGDYQ AHLRKAKTDI EHYIPDDKLG LAIIDWEEWR
PTWLRNWKPK DNYRNKSIEL VQSTNPGLSI TEATQKAIQQ FEEAGRKFME
GTLHLGKFLR PNQLWGYYLF PDCYNNKFQD PKYDGQCPAV EKRRNDNLKW
LWKASTGLYP SVYLKDKLKS NRQATLYVRY RVVEAIRVSK VGNASDPVPI
FVYIRLVFTD RTSEYLLEDD LVNTIGEIVA LGTSGIIIWD AMSLAQRAAG
CPILHKYMQT TLNPYIVNVT LAAKMCSQTL CNEKGMCSRR KESSDVYLHL
NPSHFDIMLT ETGKYEVLGN PRVGDLEYFS EHFKCSCFSR MTCKETSDVK
NVQDVNVCVG DNVC

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.