

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.

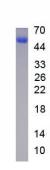
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]



VDYRA APILSNTTFL				
WIWNVPTERC	VGNVNDPIDL	SFFSLIGSPR	KTATGQPVTL	FYVDRLGLYP
HIDANQAEHY	GGIPQRGDYQ	AHLRKAKTDI	EHYIPDDKLG	LAIIDWEEWR
PTWLRNWKPK	DNYRNKSIEL	VQSTNPGLSI	TEATQKAIQQ	FEEAGRKFME
GTLHLGKFLR	PNQLWGYYLF	PDCYNNKFQD	PKYDGQCPAV	EKKRNDNLKW
LWKASTGLYP	SVYLKKDLKS	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.