

RPC866Ra01 100µg

Recombinant Sperm Adhesion Molecule 1 (SPAM1)

Organism Species: Rattus norvegicus (Rat)

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: 5.6

Predicted Molecular Mass: 52.7kDa

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.

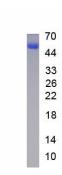
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date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

[SEQUENCE]



VDYRA TPVLSDTTFV				
WVWNVPTEAC	VENVTEPIDL	SFFSLIGSPR	KTAIGQPVTL	FYVDRLGNYP
HIDAQQTEHH	GGIPQKGDLT	THLVKAKEDV	ERYIPTDKLG	LAIIDWEEWR
PTWMRNWTPK	DIYRNKSIEL	VQAADPAINI	TEATVRAKAQ	FEGAAKEFME
GTLKLGKHIR	PKHLWGFYLF	PDCYNNKFQV	DNYDGQCPDV	EKKRNDDLDW
LWKESTGLYP	SVYLKKDLKS	SRKATLYVRY	RVLESIRVSK	VSDESNPVPI
FVYIRLVFTD	HVSEYLLEDD	LVNTIGEIVA	QGTSGIIIWD	AMSLAQRSAG
CPILRQYMKT	TLNPYIVNVT	LAAKMCSQTL	CKEKGMCSRK	TESSDAYLHL
DPSSFSINVT	EAGKYEVLGK	PEVKDLEYFS	EHFKCSCFSK	MTCEETSDMR
SIQDVNVCMG	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.