

**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

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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  
WVWNPTEAC VENVTEPIDL SFFSLIGSPR KTAIGQPVTL FYVDRLGNYP  
HIDAQQTEHH GGIPQKGLT THLVKAKEDV ERYIPTDKLG LAIIDWEEWR  
PTWMRNWTPK DIYRNKSIEL VQAADPAINI TEATVRAKAQ FECAAKEFME  
GTLKLGKHIR PKHLWGFYLF PDCYNNKFQV DNYDGQCPDV EKKNRDDLWD  
LWKESTGLYP SVYLLKDLKS SRKATLYVRY RVLESIRVSK VSDESFPVPI  
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.