

RPA169Ge01 100µg

Recombinant Staphylococcal Protein A (SPA)

Organism Species: Pan-species (General)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Thr31~Pro334

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 4.5

Predicted Molecular Mass: 35.46kDa

Accurate Molecular Mass: 35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

			TPAANAAQHD	EAQQNAFYQV	
LNMPNLNADQ	RNGFIQSLKD	DPSQSANVLG	EAQKLNDSQA	PKADAQQNKF	
NKDQQSAFYE	ILNMPNLNEE	QRNGFIQSLK	DDPSQSTNVL	GEAKKLNESQ	
APKADNNFNK	EQQNAFYEIL	NMPNLNEEQR	NGFIQSLKDD	PSQSANLLAE	
AKKLNESQAP	KADNKFNKEQ	QNAFYEILHL	PNLNEEQRNG	FIQSLKDDPS	
QSANLLAEAK	KLNDAQAPKA	DNKFNKEQQN	AFYEILHLPN	LTEEQRNGFI	
QSLKDDPSVS	KEILAEAKKL	NDAQAPKEED	NNKP		

[IDENTIFICATION]

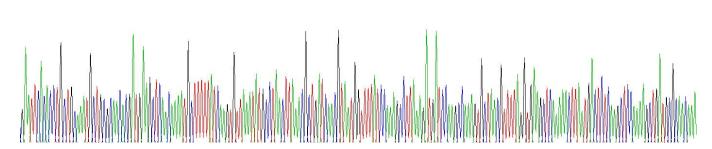


Figure . Gene Sequencing (extract)

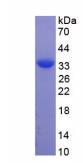


Figure. SDS-PAGE

[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.