

RPA229Mu01 200µg

Recombinant Interleukin 2 Receptor Beta (IL2Rb)

Organism Species: Mus musculus (Mouse)

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: Ala27~Glu240

Tags: N-terminal His Tag

**Subcellular Location:** Membrane

**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: 8.1

Predicted Molecular Mass: 26.3kDa

**Accurate Molecular Mass:** 27kDa 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 ]

		AVKN	CSHLECFYNS	RANVSCMWSH
EEALNVTTCH	VHAKSNLRHW	NKTCELTLVR	QASWACNLIL	<b>GSFPESQSLT</b>
SVDLLDINVV	CWEEKGWRRV	KTCDFHPFDN	LRLVAPHSLQ	VLHIDTQRCN
ISWKVSQVSH	YIEPYLEFEA	RRRLLGHSWE	DASVLSLKQR	QQWLFLEMLI
<b>PSTSYEVQVR</b>	VKAQRNNTGT	WSPWSQPLTF	RTRPADPMKE	

## [ IDENTIFICATION ]

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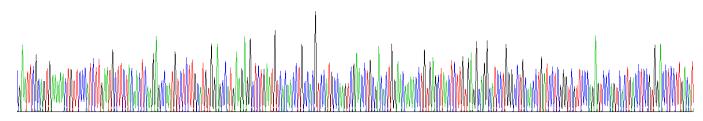


Figure . Gene Sequencing (extract)

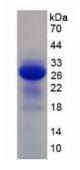


Figure. SDS-PAGE

# [ 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.