

RPE763Hu02 100µg Recombinant Interleukin 31 Receptor A (IL31RA) Organism Species: *Homo sapiens (Human) Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

Coud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Ala20~Glu519

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: 8.2

Predicted Molecular Mass: 60.7kDa

Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

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.

[<u>SEQUENCE</u>]

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A LPAKPENISC VYYYRKNLTC TWSPGKETSY TQYTVKRTYA FGEKHDNCTT NSSTSENRAS CSFFLPRITI PDNYTIEVEA ENGDGVIKSH MTYWRLENIA KTEPPKIFRV KPVLGIKRMI QIEWIKPELA PVSSDLKYTL RFRTVNSTSW MEVNFAKNRK DKNQTYNLTG LQPFTEYVIA LRCAVKESKF WSDWSQEKMG MTEEEAPCGL ELWRVLKPAE ADGRRPVRLL WKKARGAPVL EKTLGYNIWY YPESNTNLTE TMNTTNQQLE LHLGGESFWV SMISYNSLGK SPVATLRIPA IQEKSFQCIE VMQACVAEDQ LVVKWQSSAL DVNTWMIEWF PDVDSEPTTL SWESVSQATN WTIQQDKLKP FWCYNISVYP MLHDKVGEPY SIQAYAKEGV PSEGPETKVE NIGVKTVTIT WKEIPKSERK GIICNYTIFY QAEGGKGFSK TVNSSILQYG LESLKRKTSY IVQVMASTSA GGTNGTSINF KTLSFSVFE

[IDENTIFICATION]

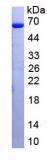


Figure. SDS-PAGE

[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.