Recombinant Interleukin 31 Receptor A (IL31RA) Instruction Manual

SIPE388Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	60.7kDa
Accurate Molecular Mass	63kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala20~Glu519 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

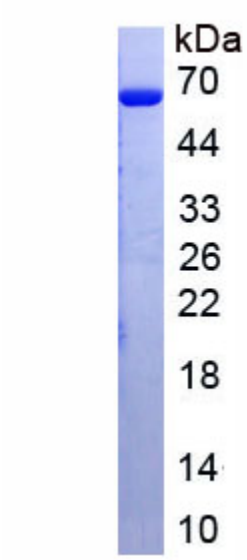

Figure. SDS-PAGE

[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.