

RPB179Ca01 200µg

Recombinant Interleukin 31 (IL31)

Organism Species: *Canis familiaris*; Canine (Dog)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gln31~Gln159

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 450µg/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: 5.2

Predicted Molecular Mass: 18.3kDa

Accurate Molecular Mass: 15kDa 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]

LLEDYQKKET GVPESNRTLL LCLTSDSQPP RLNSSAILPY FRAIRPLSDK
 NIIDKIIIEQL DKLKFAQHEPE TEISVPADTF ECKSFILTIL QQFSACLESV
 FKSLNSGPQ

[IDENTIFICATION]

The figure displays a genomic map of the HLA-DQA1 locus on chromosome 6p21.3. At the top, a track shows the overall genomic context with various colored bands representing different genomic features. Below this, several gene models are shown as horizontal bars with arrows indicating their orientation. The main part of the figure consists of multiple tracks of DNA sequence data, each represented by a bar chart where the height of the bars indicates the signal intensity for specific nucleotides (A, C, G, T). The sequences are aligned across these tracks, allowing for comparison of different samples or conditions.

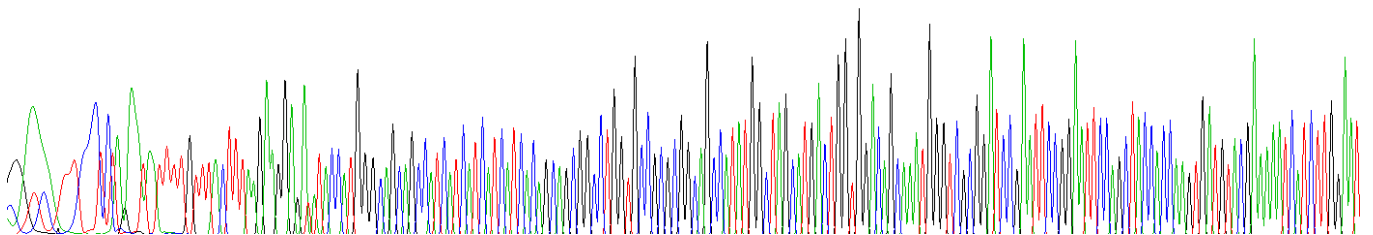


Figure . Gene Sequencing (extract)

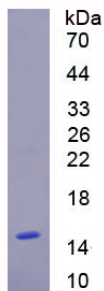


Figure. SDS-PAGE

[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.