

# Human Interleukin-31 receptor A / IL31RA Protein (Fc Tag, ECD)

Catalog Number: 15878-H02H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

CRL; CRL3; GLM-R; GLMR; GPL; hGLM-R; IL-31RA; PLCA2; PRO21384

### Protein Construction:

A DNA sequence encoding the human IL31RA (EAW54932.1) (Met1-Ser516) was expressed with the Fc region of human IgG1 at the C-terminus.

**Source:** Human

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** ≥ 90 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.

### Bio Activity:

1. Measured by its binding ability in a functional ELISA.  
2. Immobilized human IL31-His (11557-H08H) at 10 µg/mL (100 µL/well) can bind human IL31RA-Fc (Cat: 15878-H02H), the EC<sub>50</sub> of human IL31RA-Fc is 0.4-1.6 µg/mL.

### Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Ala 20

### Molecular Mass:

The recombinant human IL31RA consists 735 amino acids and predicts a molecular mass of 83.5 kDa.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

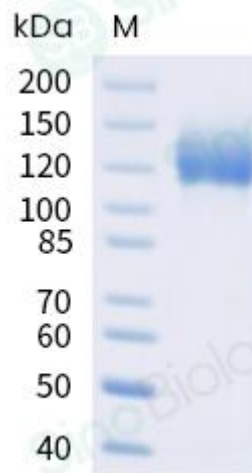
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



**Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.**

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