

Human Interleukin-31 receptor A / IL31RA Protein (His Tag)

Catalog Number: 15878-H08H



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 a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: HEK293 Cells

QC Testing

Purity: ≥ 85 % as determined by SDS-PAGE. ≥ 85 % as determined by SEC-HPLC.

Bio Activity:

1. Immobilized human IL31RA-His (Cat: 15878-H08H) at 2 µg/mL (100 µl/well) can bind biotinylated cynomolgus IL31h (Cat: 90895-C08H). The EC₅₀ of biotinylated cynomolgus IL31h (Cat: 90895-C08H) is 15-60 ng/mL.

2. Immobilized Recombinant Human Interleukin-31 receptor A / IL31RA Protein (His Tag) (Cat: 15878-H08H) at 2 µg/mL (100 µL/well) can bind IL31-His/Biotin (Cat: 11557-H08H-B), the EC₅₀ is 12-36 ng/mL.

Endotoxin:

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

Predicted N terminal: Ala 20

Molecular Mass:

The recombinant human IL31RA consists 508 amino acids and predicts a molecular mass of 58.2 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

Stability & Storage:

Samples are stable for twelve months from date of receipt at -20°C to -80°C.

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:

