

# Mouse IL-31 / IL31 Protein (His Tag)



Sino Biological  
Biological Solution Specialist

Catalog Number: 51070-M08H

## General Information

### Gene Name Synonym:

1700013B14Rik

### Protein Construction:

A DNA sequence encoding the mouse IL31 (NP\_083870.1) (Met1-Cys163) was expressed with a polyhistidine tag at the C-terminus.

**Source:** Mouse

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 85 % as determined by SDS-PAGE

### Endotoxin:

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

**Predicted N terminal:** Thr 24

### Molecular Mass:

The recombinant mouse IL31 consists 151 amino acids and predicts a molecular mass of 17.1 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:

