

# Human IL19 / Interleukin-19 Protein (His Tag)



Sino Biological  
Biological Solution Specialist

Catalog Number: 13089-H08H

## General Information

### Gene Name Synonym:

IL-10C; Interleukin-19; MDA1; NG.1; ZMDA1

### Protein Construction:

A DNA sequence encoding the human IL19 (AAF06663.1) (Met1-Ala177) was expressed with a polyhistidine tag at the C-terminus.

**Source:** Human

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE.

### Bio-activity:

Measured in a cell proliferation assay using BaF3 mouse pro-B cells transfected with human IL-20 R $\alpha$  and human IL-20 R $\beta$ . The ED<sub>50</sub> for this effect is typically 0.6-6 ng/mL.

### Endotoxin:

< 1.0 EU per  $\mu$ g 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:** Leu 25

### Molecular Mass:

The recombinant human IL19 consists 164 amino acids and predicts a molecular mass of 19.2 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

### Storage:

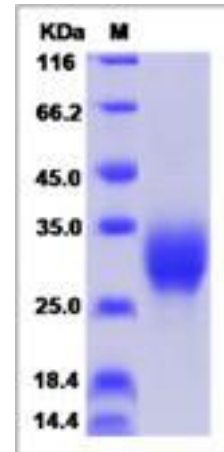
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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