

# Human IL-29 recombinant protein



Catalog Number: 503908

## General Information

### Gene Name Synonym

Cytokine Zcyto21; Interleukin-29

### Protein Construction

A DNA sequence encoding the human IFNL1 (NP\_742152.1) (Met1-Thr200) was expressed with an initial Met.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured in antiviral assays using HepG2 cells infected with vesicular stomatitis virus. The ED<sub>50</sub> for this effect is typically 10-39 ng/mL.

### Purity

> (80.7+15.8) % as determined by SDS-PAGE.

### 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

Met

## Molecular Mass

The recombinant human IFNL1 consists 182 amino acids and predicts a molecular mass of 20.2 kDa.

## Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

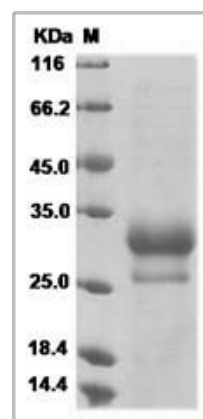
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human IL29 / IFNL1 Protein SDS-PAGE