

## Mouse IL-28B, His Tag, E. coli

**Catalog Number** LDG052PME

**Package** 5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (C-term)

#### Purity

>98% as determined by SDS-PAGE analysis.

#### Activity

Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED<sub>50</sub> for this effect is <20 ng/mL.

#### Form

Lyophilized

#### Expression System

Escherichia coli

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Molecular weight

The protein has a calculated MW of 20.56 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

### Background

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### Background

Interleukin 28B (IL-28B) predicts a molecular mass of 19.7 kDa. IL-28 comes in two isoforms, IL-28A and IL-28B, and plays a role in immune defense against viruses, including the induction of an "antiviral state" by turning on Mx proteins, 2',5'-oligoadenylate synthetase as well as ISGF3G.

### Uniprot ID

#Q8CGK6

### Synonyms

Interferon lambda-3, IFN-lambda-3, Interleukin-28B, IL-28B

### Sequence Note

Asp20-Val193

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Stability & Storage

This product is stable after storage at:

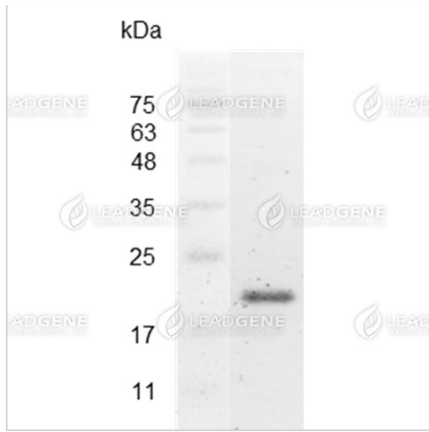
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 2 weeks under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

## Image



SDS-PAGE analysis of recombinant mouse IL-28B.

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