

## IL-28A Protein, Mouse, Recombinant (His)

### General Information

Synonyms:	IL-28A;IL28A;EG330496;interferon, $\lambda$ 2;interferon, lambda 2;Ifn $\lambda$ 2
Protein Construction:	A DNA sequence encoding the mouse IL28A (NP_001019844.2) (Met1-Val193) was expressed with a C-terminal polyhistidine tag. Predicted N terminal: Asp 20
Species:	Mouse
Expression Host:	HEK293 Cells
Accession:	Q4VK74
Molecular Weight:	21.1 kDa (predicted); 28.5 and 24.7 kDa (reducing conditions)

### QC Testing

Biological Activity:	Measured in antiviral assay using HepG2 cells infected with vesicular stomatitis virus. The ED50 for this effect is typically 1-4 ng/mL.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 $\mu$ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

### Preparation and Storage

**Reconstitution:**  
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

**Stability & Storage:**

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

**Shipping:**

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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