

IL-28A Protein, Human, Recombinant (His)

General Information

Synonyms:	interferon, lambda 2;interferon, λ 2;IL28A;ZCYTO20;IL-28A
Protein Construction:	A DNA sequence encoding the human IFNL2 (NP_742150.1) (Val26-Val200) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: VAL
Species:	Human
Expression Host:	P. pastoris (Yeast)
Accession:	Q8IZJ0
Molecular Weight:	21.1 kDa (predicted)

QC Testing

Biological Activity:	Measured in antiviral assays using HepG2 cells infected with vesicular stomatitis virus. The ED50 for this effect is 1.7-6.8 μ g/mL.
Purity:	> 90 % as determined by SDS-PAGE.
Endotoxin:	Please contact us for more information.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ 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:	Reconstituted with sterile deionized water to 0.1 mg/mL. Reconstitution conditions may vary depending on the lot.
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. <small>Actual storage temperature shall be subject to the COA.</small>
Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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