

Human IL-28A Protein, His tag (Animal-Free)

Cat #: PRP1139

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: Human IL-28A Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1139	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: Interleukin 28A (IL-28A) predicts a molecular mass of 20.6 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.

Sequence: Amino acid sequence derived from Human IL-28A (Pro27-Val200) (Q8IZJ0) was expressed with 6×His tag at the C-terminus.

Protein length: The recombinant Human IL-28A consists of 174 amino acids and predicts a molecular mass of 20.6kDa.

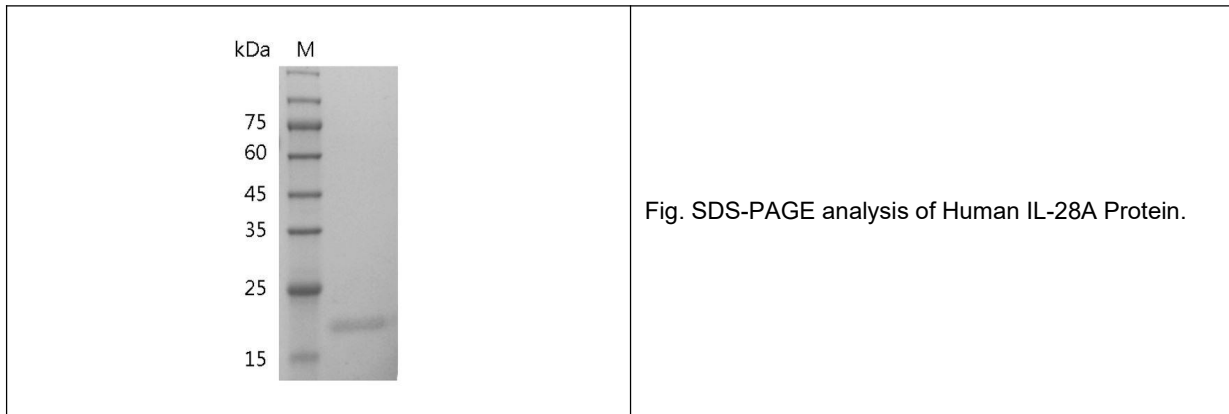
Biological Activity: Measured by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED₅₀ for this effect is <20 ng/mL.

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

Formulation: Lyophilized from PBS, pH 8.0.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully dissolve. Please avoid vortex vigorously.



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