

Recombinant Mouse IL28A protein

Cat. No. IL28A-992M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IL28A protein was expressed in Escherichia coli.
Species	Mouse
Source	E.coli
ProteinLength	174
Form	Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4, with 5 % trehalose.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by an anti-viral assay using human HepG2 cells infected with encephalomyocarditis is less than 3 ng/ml, corresponding to a specific activity of $> 3.3 \times 10^5$ IU/mg.
Molecular Mass	Approximately 19.7 kDa, a single non-glycosylated polypeptide chain containing 174 amino acids.
AA Sequence	DPVPRATRLPVEAKDCHIAQFKSLSPKELQAFKKAKDAIEKRLLKDMRCSSHLISRA WDLKQLQVQERP KALQAEVALTLKVWENMTDSALATILGQPLHTLSHIHSQLQTCTQ LQATAEPKPPSRRLSRWLHRLQEAQSKETPGCLEDSVTSNLFRLLTRDLKCVASGD QCV
Endotoxin	Less than 0.1 EU/g of rMuIFN-λ2/IL-28A as determined by LAL method.

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Purity	>95% by SDS-PAGE and HPLC analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

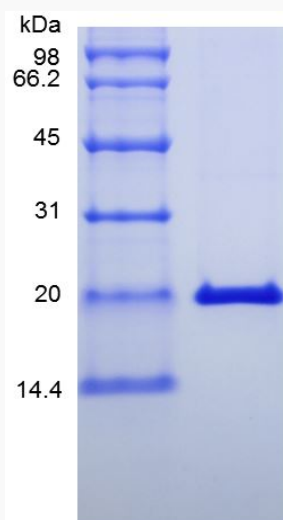
Gene Name	II28A
Official Symbol	II28A
Gene ID	330496
UniProt ID	Q4VK74

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**SDS-PAGE of II28A-
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