

Recombinant Mouse Interleukin 28B

Cat. No. II28b-212M **Lot. No.** (See product label)

SPECIFICATION

Species	Mouse
Source	E.coli
Description	IL-28A, IL-28B, and IL-29, also named interferon- λ 2 (IFN- λ 2), IFN- λ 3, and IFN- λ 1, respectively, are newly identified class II cytokine receptor ligands that are distantly related to members of the IL-10 family (11-13% aa sequence identity) and type I IFN family (15 - 19% aa sequence identity).
Endotoxin	< 1 EU/g.
Reconstitution	It is recommended that sterile PBS containing at least 0.1% human serum albumin or bovine serum albumin be added to the vial to prepare a stock solution of no less than 10 μ g/mL.
Buffer	Phosphate-buffered saline (PBS) containing 50g of BSA per 1g of cytokine.
Purity	\geq 95%.
Purification Method	A combination of ion exchange, hydrophobic interaction and size exclusion chromatography.
Shipping Conditions	Wet ice, Physical State of Product During Shipping is Lyophilized.
Special Conditions	After receipt, this product should be kept at -70°C or below for retention of full

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activity. Upon reconstitution, this cytokine can be stored under sterile conditions at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer for three months without detection loss of activity. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Il28b interleukin 28B [<i>Mus musculus</i>]
Synonyms	Il28b; interleukin 28B; Il28; IFL-1; INF-alpha; INF-lambda; interleukin 28; interferon alpha
Gene ID	338374
mRNA Refseq	NM_177396
Protein Refseq	NP_796370
UniProt ID	Q8CGK6
Chromosome Location	7 A3
Pathway	Cytokine-cytokine receptor interaction; Jak-STAT signaling pathway
Function	cytokine activity; receptor binding

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