

## Recombinant Mouse Interleukin 28B, Carrier Free

Cat. No. II28b-213M Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	IL-28A, IL-28B, and IL-29, also named interferon- $\lambda$ 2 (IFN- $\lambda$ 2), IFN- $\lambda$ 3, and IFN- $\lambda$ 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).
<b>Endotoxin</b>	< 1 EU/g.
<b>Reconstitution</b>	It is recommended that sterile PBS be added to the vial to prepare a stock solution of no less than 100 $\mu$ g/mL.
<b>Buffer</b>	Phosphate-buffered saline (PBS) containing 50g of BSA per 1g of cytokine.
<b>Purity</b>	$\geq$ 95%.
<b>Shipping Conditions</b>	Wet ice, Physical State of Product During Shipping is Lyophilized.
<b>Special Conditions</b>	After receipt, this product should be kept at -70°C or below for retention of full 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.

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## GENE INFORMATION

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

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