

Recombinant Mouse Interleukin 28B, His-tag, MBP-tag

Cat. No. IL28B-214M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Interleukin 28B has the matured 174 aa at its C terminal, His tag and MBP tag at the N terminal. It is expressed and purified from an E.coli system.
Species	Mouse
Source	E.coli
Description	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).
Molecular Mass	63.3 kD
Formulation	20 mM Tris-Cl (pH 7.9) 20% Glycerol, 100 mM KCl, 1 mM DTT and 0.2 mM EDTA
Purity	>95% based on SDS-PAGE analysis
Concentration	500 µg/ml
Reconstitution	Already in liquid form.

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Storage	-80 °C
Shipping Conditions	Dry Ice
OfficialSymbol	Il28b
GENE INFORMATION	
Gene Name	Il28b interleukin 28B [<i>Mus musculus</i>]
Synonyms	Il28b; interleukin 28B; Il28; IFL-1; INF-alpha; IL-28B INF-lambda; interleukin 28; interferon alpha; IFNL3; IL28C; interleukin-28B; IFN-lambda-3; interferon lambda-3
Gene ID	338374
mRNA Refseq	NM_177396
Protein Refseq	NP_796370
UniProt ID	Q8CGK6
Chromosome Location	7 A3; 7
Pathway	Jak-STAT signaling pathway
Function	cytokine activity; receptor binding

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