Recombinant Mouse Ifnl3, His and MBP-tagged

Cat. No. Ifnl3-19M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse IL28B/IFN lambda 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	IL28B/IFN-lambda belongs to type III interferons that are class II cytokine receptor ligands. Expression of these cytokines can be induced by viral infection, such as influenza A. Lambda interferon renders epithelial cells of the respiratory and gastrointestinal tracts resistant to viral infections. Beside antiviral activity, mouse IFN-lambda also exhibit antitumor activity against B16 melanoma.
Molecular Mass	63.3 kD.
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Stored at -70°C before use. Avoid repeated freeze thaw cycles.
Concentration	0.5 mg/ml
Storage Buffer	20 mM Tris-Cl (pH 8.0), 20% Glycerol, 100 mM KCl, 1 mM DTT and 0.2 mM EDTA.

GENE INFORMATION

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Gene Name	Ifnl3 interferon lambda 3 [Mus musculus (house mouse)]
Official Symbol	Ifnl3
Synonyms	Ifnl3; interferon lambda 3; Il28; IFL-1; Il28b; IL-28B; INF-alpha; INF-lambda;interferon alpha; IFN-lambda-3; interferon lambda-3
Gene ID	338374
mRNA Refseq	NM_177396
Protein Refseq	NP_068513
Pathway	Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem; Nuclear receptors in lipid metabolism and toxicity, organism-specific biosystem;
Function	DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II transcription factor binding transcription factor activity involved in positive regulation of transcription; bile acid binding; Contributes_to double-stranded DNA binding; metal ion binding; peptide binding; receptor activity; retinoid X receptor binding; sequence-specific DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; steroid hormone receptor activity; thyroid hormone receptor activity; zinc ion binding;

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