

## Active Recombinant Mouse Ifnb1 Protein, His-tagged

Cat. No. Ifnb1-1217M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse interferon beta 1, fibroblast (Ifnb1) (Ile22-Apn182) with C-terminal His tag, was expressed in HEK293 cell.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	22-182 a.a.
<b>Description</b>	Has antiviral, antibacterial and anticancer activities.
<b>Bio-activity</b>	Bioactivity was measured by its property to protect L929 cells from the cytopathic effect (CPE) of encephalomyocarditis virus (EMCV) in a dose dependent manner. The specific activity is $5.1 \times 10^7$ units/mg.
<b>Molecular Mass</b>	21.2 kDa
<b>Endotoxin</b>	Less than 0.01 ng per g protein as determined by the LAL method
<b>Purity</b>	>98%, as determined by Coomassie stained SDS-PAGE.
<b>Stability</b>	Unopened vial can be stored between 2 centigrade and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 centigrade and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated

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freeze/thaw cycles.

**Storage**

Store at -80 centigrade.

**Concentration**

Protein formulated and vialled at >50 g/mL in specified buffer

**Storage Buffer**

1 x PBS

## GENE INFORMATION

**Gene Name**

[Ifnb1](#) interferon beta 1, fibroblast [ [Mus musculus \(house mouse\)](#) ]

**Official Symbol**

[Ifnb1](#)

**Synonyms**

[Ifnb1](#); interferon beta 1, fibroblast; [Ifb](#); [IFNB](#); [IFN-beta](#); interferon beta

**Gene ID**

[15977](#)

**mRNA Refseq**

[NM\\_010510](#)

**Protein Refseq**

[NP\\_034640](#)

**UniProt ID**

[P01575](#)

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