

Recombinant Mouse IFN beta

Cat. No. IFNb-47M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse IFN beta was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Mouse
Source	Yeast
Description	Type I interferons (IFN alpha, IFN beta) belong to the helical cytokine superfamily, which includes growth hormones, interleukins, several colony-stimulating factors plus other regulatory molecules. All function as regulators of cellular activity by interacting with cell-surface receptors and activating various signaling pathways. IFN beta produces antiviral, antibacterial, and anticancer properties. RANKL (TNFSF11) has been shown to induce the production of IFN beta.
Form	Lyophilized
Molecular Mass	19.7 kDa
AA Sequence	IN YKQLQLQE RTNIRKCQEL LEQLNGKINL TYRADFKIPM EMTEKMQKSY TAF AIQEMLQ NVFLVFRNNF SSTGWN ETIV VRLLD ELHQQ TVFLKTVLEE KQEERLTWEM SSTALHLKSY YWRVQRYLKL MKYNSYAWMV VRAEIFRNFL IIRRLTRNFQ N (161)
Applications	The IFN beta protein can be used in cell culture, as a IFN beta ELISA Standard, and as a Western Blot Control.

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Storage

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