

Active Recombinant Mouse IFNB1 protein

Cat. No. IFNB1-481M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IFNB1 protein(P01575)(Met1-Asn182) was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Asn182
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assays using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 3-18 pg/mL.
Molecular Mass	The recombinant mouse IFNB1 consists of 166 amino acids and has a calculated molecular mass of 20.3 kDa. The recombinant protein migrates as an approximately 30 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ifnb1 interferon beta 1, fibroblast [Mus musculus]
Official Symbol	IFNB1
Synonyms	IFNB1; interferon beta 1, fibroblast; interferon beta; Ifb; IFNB; IFN-beta;
Gene ID	15977
mRNA Refseq	NM_010510
Protein Refseq	NP_034640

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