

Recombinant Cynomolgus IFNB1, Fc tagged

Cat. No. IFNB1-71C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IFNB1 (G7NFX1) (Met1-Asn187), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-187 a.a.
Predicted N Terminal	Met 22
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus IFNB1 is a disulfide-linked homodimer. The reduced monomer comprises 400 amino acids and has a calculated molecular mass of 46.4 KDa. The apparent molecular mass of the protein is approximately 44-49 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IFNB1[interferon, beta 1, fibroblast [?Macaca fascicularis?(crab-eating macaque)]

Official Symbol IFNB1

Gene ID 102115670

mRNA Refseq XM_005581636

Protein Refseq XP_005581693

Chromosome Location 15

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