

Recombinant Rhesus monkey IFNB1 Protein, His&GST-tagged

Cat. No. IFNB1-2724R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus monkey IFNB1 Protein (Met22-Asn187) with N-His&GST tag was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Met22-Asn187
Description	Has antiviral, antibacterial and anticancer activities.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.0 kDa Accurate Molecular Mass: 50 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name IFNB1 interferon beta 1 [*Macaca mulatta* (Rhesus monkey)]

Official Symbol IFNB1

Synonyms IFNB1; interferon beta 1; interferon beta

Gene ID 711414

mRNA Refseq NM_001135795

Protein Refseq NP_001129267

UniProt ID B6CK14

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