

Recombinant Pig IFNB1 Protein, His-tagged

Cat. No. IFNB1-2271P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig IFNB1 Protein (Met22-Asn186) with a N-His tag was expressed in 293F.
Species	Pig
Source	HEK293
ProteinLength	Met22-Asn186
Description	Has antiviral, antibacterial and anticancer activities.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.2 kDa Accurate Molecular Mass: 29-35 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
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

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less than 5% within the expiration date under appropriate storage condition.

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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

IFNB1 interferon beta 1 [*Sus scrofa* (pig)]

Official Symbol

IFNB1

Synonyms

IFNB1; interferon beta 1; IFNb; IFN-beta; interferon beta
interferon-beta

Gene ID

445459

mRNA Refseq

NM_001003923

Protein Refseq

NP_001003923

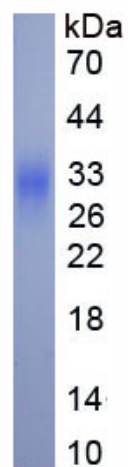
UniProt ID

Q68IQ4

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