

Active GMP Recombinant Porcine IFNG Protein, His-Tagged

Cat. No. IFNG-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Porcine IFNG Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
Species	Porcine
Source	E.coli
Description	Interferon- γ is a effective multifunctional cytokine which is released mainly by activated NK cells and T cells. IFN- γ is primarily characterized based on its anti-viral activities, and then been proved to have several functions such as anti-proliferative, immune-regulatory, and pro-inflammatory activities. IFN- γ can upregulate expression of MHC class I and II antigen by antigen-presenting cells.
Form	Lyophilized
Bio-activity	Measure by its ability to protect PK15 cells infected with encephalomyocarditis (EMC) virus. The ED50 for this effect is <40 pg/mL.
AA Sequence	MQAPFFKEITILKDYFNASTSDVPNGGPLFLEILKNWKEESDKKIIQSQIVSFYKFFEI FKDNQAIQRSMQVIKQDMFQRFLNGSSGKLNDFEKL IKIPVDNLQIQRKAISELIKVMNDLSPRSNLRKRKRSQTMFQGQRASK with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 μ g of the protein by the LAL method.

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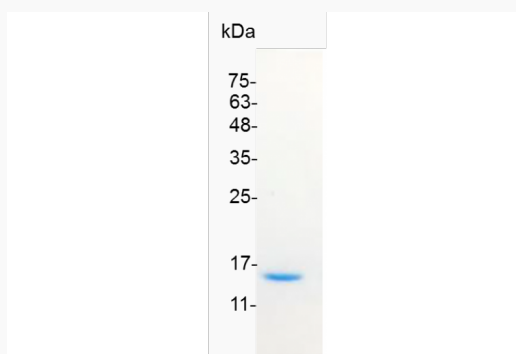
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Purity	>95% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

GENE INFORMATION

Gene Name	IFNG Interferon-gamma level [<i>Sus scrofa</i> (pig)]
Official Symbol	IFNG
Gene ID	100530533



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