

Recombinant Porcine Interferon Gamma (IFNG), N-His

Cat. No.: AP9F37

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 1 mg

Product Overview

BioVenic's Recombinant Porcine Interferon Gamma (IFNG), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 16.7 kDa. The purity is >90% (SDS-PAGE).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	<i>E.coli</i>
Purity	>90% (SDS-PAGE)
Predicted Molecular Weight	16.7 kDa
Physical State	Lyophilized
Formulation	10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4.

Target Information

Interferon gamma is encoded by the *IFNG* gene in pigs. It is one of the genes associated with cytolytic activity in terminally and intermediate differentiated CD8+ T-cell subsets.

Protein	Porcine Interferon Gamma (IFNG)
Protein Synonym	interferon gamma, IFN-gamma
Gene ID	396991
UniProt ID	P17803

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in sterile distilled water or other buffer to a concentration of 0.1-1 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

Reference

Lagumdzić, E. *et al.* Transcriptome Profiling of Porcine Naïve, Intermediate and Terminally Differentiated CD8(+) T Cells. *Frontiers in Immunology*. 2022, 13: 849922.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.