

Recombinant Mouse Interferon Gamma (Ifng)

Cat. No.: AP2C561

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 500 µg; 1 mg

Product Overview

BioVenic's Recombinant Mouse Interferon Gamma (Ifng) is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 17.9 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	17.9 kDa
Physical State	Lyophilized
Formulation	0.01 mol/L PBS (pH 7.2) containing 0.2% (w/v) Procline-300.

Target Information

Mouse Interferon Gamma (Ifng) is a cytokine that is critical for innate and adaptive immunity against viral and intracellular infections. In mice, Ifng plays a key role in activating macrophages, enhancing their ability to kill intracellular pathogens. It can also modulate the immune response by influencing the activity of other immune cells and cytokines. Researchers study Ifng to understand its functions in immune defense and to explore its potential applications in immunotherapy and the treatment of infectious diseases and certain cancers.

Protein	Mouse Interferon Gamma (Ifng)
Protein Synonym	IFN-gamma;Ifng
Gene ID	15978
UniProt ID	P01580

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -20°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

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.