

Recombinant Mouse Interferon Beta (Ifnb1), N-His-GST

Cat. No.: AP4C155

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Interferon Beta (Ifnb1), N-His-GST is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 47.7 kDa. The purity is >80%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>80%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	47.7 kDa
Physical State	Lyophilized
Formulation	20 mM Tris, 150 mM NaCl, pH8.0, containing 1 mM EDTA, 1 mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Target Information

Mouse Interferon Beta (Ifnb1) is a cytokine that plays a crucial role in the immune response against viral infections. It is involved in the regulation of antiviral defenses and has been used therapeutically in the treatment of multiple sclerosis. Ifnb1 has also been implicated in the regulation of immune responses in various autoimmune diseases. Research indicates that Ifnb1 may serve as a therapeutic agent in these conditions.

Protein	Mouse Interferon Beta (Ifnb1)
Protein Synonym	IFN-beta; Ifb, Ifnb
Gene ID	15977
EC No.	P01575

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°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. Reconstitute in 20 mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. 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.