

MOUSE IFNB1 PROTEIN, HIS TAG

Cat.#: 12141

Product Name: Mouse IFNB1 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Ifb;IFN-beta;IFNB

Target: IFNB1

UNIPROT ID: P01575

Description: Recombinant mouse IFNB1 protein with C-terminal 6xHis tag

Background: Has antiviral, antibacterial and anticancer activities.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 20.6 kDa after removal of the signal peptide. The apparent molecular mass of mIFNB1-His is approximately 25-35 kDa due to glycosylation.

Molecular Characterization: Mouse IFNB1(Ile22-Asn182) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.