

Active Recombinant Rhesus Protein

Cat. No. IFNG-1165R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Rhesus Protein(NP_001028077.1) (Gln24-Gln165) was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Gln24-Gln165
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	1.Immobilized Rhesus IFNG at 10 µg/ml (100 µl/well) can bind Rhesus IFNGR1-Fc. The EC50 of Rhesus IFNGR1-Fc is 20.28-47.32 ng/ml. 2. Measured in antiviral assays using WISH cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 6-48 pg/mL.
Molecular Mass	The recombinant rhesus IFNG consists of 143 amino acids and has a calculated molecular mass of 16.9 kDa.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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