

Active Recombinant Rhesus IFNA14 protein, His-tagged

Cat. No. IFNA14-125R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus IFNA14 protein(XP_001107576.1) (Cys24-Asp189) was expressed in Yeast, fused with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	Yeast
ProteinLength	Cys24-Asp189
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assay using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is 40-200pg/mL.
Molecular Mass	The recombinant rhesus IFNA14 comprises 176 amino acids and has a calculated molecular mass of 21 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 to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

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