

Active Recombinant Rhesus IFNA13 Protein, His-tagged

Cat. No. IFNA13-431R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus IFNA13 (NP_001181296.1) (Cys25-Glu190) was expressed with a polyhistidine tag at the C-terminus.
Species	Rhesus macaque
Source	Yeast
ProteinLength	Cys25-Glu190
Predicted N Terminal	Cys 25
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 assays using WISH cells infected with vesicular stomatitis virus. The ED50 for this effect is 0.05-0.25ng/mL.
Molecular Mass	The recombinant rhesus IFNA13 consists of 176 amino acids and predicts a molecular mass of 20.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -70 centigrade.

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Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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.

GENE INFORMATION

Official Symbol

IFNA13

Synonyms

interferon, alpha 13; interferon alpha-1/13

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