Active Recombinant Rat Ifna4 protein, hFc-tagged

Cat. No. Ifna4-7447R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ifna4 protein(D3ZFH0)(Cys24-Lys189), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Cys24-Lys189
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV).The ED50 for this effect is typically 0.5-4 μg/mL.
Molecular Mass	The recombinant rat IFNA4 comprises 426 amino acids and predicts a molecular mass of 47.5 kDa. The apparent molecular mass of the recombinant protein is approximately 48 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the 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 -20°C to -80°C

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	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.
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

Gene Name	Ifna4 interferon, alpha 4 [Rattus norvegicus]
Official Symbol	Ifna4
Synonyms	IFNA4; interferon, alpha 4;
Gene ID	298205
mRNA Refseq	NM_001106667
Protein Refseq	NP_001100137

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