

Active Recombinant Rat Ifna1 protein, His-tagged

Cat. No. Ifna1-7448R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ifna1 protein(P05011)(Met1-Ser192), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ser192
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. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV).The ED50 for this effect is typically 4-20 ng/mL.
Molecular Mass	The recombinant rat IFNA1 comprises 180 amino acids and predicts a molecular mass of 20.9 kDa. The apparent molecular mass of the rat IFNA1 is approximately 20-25 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	> 95 % as determined by SDS-PAGE

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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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GENE INFORMATION

Gene Name	Ifna1 interferon-alpha 1 [Rattus norvegicus]
Official Symbol	Ifna1
Synonyms	IFNA1; interferon-alpha 1; interferon alpha-1; IFN-alpha1;
Gene ID	298210
mRNA Refseq	NM_001014786
Protein Refseq	NP_001014786

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