

## Recombinant Rat IFNA1 protein(Met1-Ser192), hFc-tagged

Cat. No. IFNA1-2349R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat IFNA1 (P05011) (Met 1-Ser 192) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ser192
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 1-10 µg/mL.
<b>Molecular Mass</b>	The recombinant rat IFNA1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 410 amino acids and predicts a molecular mass of 46.4 kDa. The apparent molecular mass of the rat IFNA1/Fc monomer is approximately 50 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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**

<b>Gene Name</b>	<a href="#">Ifna1 interferon-alpha 1 [ Rattus norvegicus ]</a>
<b>Official Symbol</b>	<a href="#">IFNA1</a>
<b>Synonyms</b>	IFNA1; interferon-alpha 1; interferon alpha-1; IFN-alpha1;
<b>Gene ID</b>	<a href="#">298210</a>
<b>mRNA Refseq</b>	<a href="#">NM_001014786</a>
<b>Protein Refseq</b>	<a href="#">NP_001014786</a>

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