

## Recombinant Mouse Ifna14 protein(Cys24-Lys189), His-tagged

Cat. No. Ifna14-61M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse IFNA14 (NP_996858.1)(Cys24-Lys189) was expressed in HEK293 with a C-terminal polyhistidine tag.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	24-189 a.a.
<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 typically 5-40 pg/mL.
<b>Molecular Mass</b>	The recombinant mouse IFNA14 comprises 177 amino acids and has a predicted molecular mass of 20.5 kDa. The apparent molecular mass of the protein is approximately 20 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. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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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="#">Ifna14 interferon, alpha 14 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Ifna14</a>
<b>Synonyms</b>	IFNA14; interferon, alpha 14; RP23-67C1.2; MGC155959; OTTMUSG00000007662;
<b>Gene ID</b>	<a href="#">404549</a>
<b>mRNA Refseq</b>	<a href="#">NM_206975</a>
<b>Protein Refseq</b>	<a href="#">NP_996858</a>

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