

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

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

SPECIFICATION

Product Overview	Recombinant Mouse IFNA14 (NP_996858.1)(Cys24-Lys189) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	24-189 a.a.
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 assay using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is typically 5-40 pg/mL.
Molecular Mass	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.
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. 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

Gene Name	Ifna14 interferon, alpha 14 [Mus musculus]
Official Symbol	Ifna14
Synonyms	IFNA14; interferon, alpha 14; RP23-67C1.2; MGC155959; OTTMUSG00000007662;
Gene ID	404549
mRNA Refseq	NM_206975
Protein Refseq	NP_996858

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