

Active Recombinant Mouse Ifna5 protein, His-tagged

Cat. No. Ifna5-509M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ifna5 protein(NP_034635.2)(Met1-Glu189), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Glu189
Form	Lyophilized from sterile PBS, pH 7.4. Please 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 assays using L929 cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 0.02-0.1 ng/mL.
Molecular Mass	The recombinant mouse IFNA5 comprises 177 amino acids and has a predicted molecular mass of 20.4 kDa. The apparent molecular mass of the protein is approximately 23.8 and 22.4 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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 [Ifna5 interferon alpha 5 \[Mus musculus \]](#)

Official Symbol [Ifna5](#)

Synonyms IFNA5; interferon alpha 5; interferon alpha-5; IFN-alpha-5; interferon alpha family, gene 5; Ifa5;

Gene ID [15968](#)

mRNA Refseq [NM_010505](#)

Protein Refseq [NP_034635](#)

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