

Recombinant Mouse IFN- α 5 Protein

Catalog No.: RP00759

Sequence Information

Species	Gene ID
Mouse	15968
Swiss Prot	Tags
Q810G2	C-His

Synonyms

Ifna5, If1ai12, Interferon 1ai12,
Interferon alpha 5

Product Information

Source	Purification
HEK293 cells	≥ 90% as determined by reducing SDS- PAGE.

Calculated MW	Observed MW
19.78 KDa	20-25 KDa

Endotoxin

< 0.01 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from 0.22μm filtered
solution in PBS (pH 7.4).

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1-0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

IFN- α 5 belongs to the alpha/beta interferon family. IFNA5 is the only IFNA subtype detected in normal liver, while a mixture of subtypes is observed in the liver tissue of patients with chronic hepatitis C. Interferons are produced by macrophages, IFN- α has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

Basic Information

Description

Recombinant Mouse IFN- α 5 Protein is produced by HEK293 cells system. The target protein is expressed with sequence (Cys24-Glu189) of Mouse IFN- α 5 (Accession #NP_034635.2) fused with His tag at the C-Terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

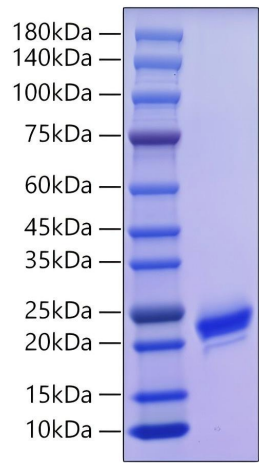
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Validation Data



Recombinant Mouse IFN- α 5 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.