Recombinant Mouse Interferon ?-2/IFNA2 Protein

Catalog Number: PKSM041059



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Interferon Alpha-2;IFN-Alpha-2;Interferon Alpha-A;LeIF A;IFNA2

Species Mouse Expression Host E.coli

Sequence Cys24-Glu190

AccessionP01573Calculated Molecular Weight19.5 kDaObserved molecular weight16 kDaTagNone

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 μm filtered solution of 20mM Histidine-HCl, 6% Sucrose,

4% Mannitol, 0.02% Tween80 (w/v), pH 6.0.

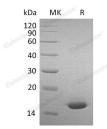
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the s

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

At least 23 different variants of Interferon- α are known. The individual proteins have molecular masses between 19-26 kD and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN- α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN- α subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxyl-terminal end.

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