IFNA2/ IFN-α2, Mouse, Recombinant

Cat. No. : PCK247

General Information

Synonyms	Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2
Species	Mouse
Expression host	E.coli
Sequence	Cys24-Glu190
Accession	P01573
Mol mass	19.5 kDa
Expiration date	12 months

Product feature

Purity	＞95% as determined by reducing SDS-PAGE.
Endotoxin	＜1.0 EU per μg as determined by LAL test.
Storage	Lyophilized protein should be stored at -5~-20℃, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20℃ for 3 months.
Shipping	Ambient temperature or ice pack.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Histidine-HCl, 6% Sucrose, 4% Mannitol, 0.02% Tween80 (w/v), pH 6.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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.

SDS-PAGE