Recombinant Mouse IFN alpha2

Catalog No.: RP0088

Basic Information

Information	
Source	E.coli
Description	Recombinant Mouse Interferon Alpha-2 is produced by our E.coli expression system and the target gene encoding Cys24-Glu190 is expressed.
Accession	P01573
Known As	Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2
Predicted Mol Mass	19.5 KDa
Apparent Mol Mass	16 KDa, reducing conditions
Properties	
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.
Storage	Lyophilized protein should be stored at \leq -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at \leq -20°C for 3 months.
Endotoxin	< 1 EU/µg as determined by LAL test.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
	Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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Experimental Data



Purity-SDS-PAGE

Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

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.