

Recombinant Mouse IFN alpha2

Catalog No.: RP0088

Basic Information

Information

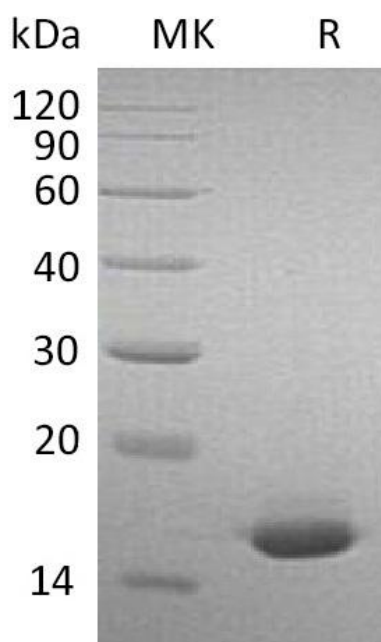
Source	<i>E.coli</i>
Description	Recombinant Mouse Interferon Alpha-2 is produced by our E.coli expression system and the target gene encoding Cys24-Glu190 is expressed.
Accession	P01573
Known As	Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2
Predicted Mol Mass	19.5 KDa
Apparent Mol 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 ≤ -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 ≤ -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. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

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.