Product Name: Recombinant Mouse IFN alpha2
Catalog #: PEM0967

Summary

Name	Interferon α-2/IFN α-2/IFN alpha2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Interferon Alpha-2 is produced by our E.coli expression system and the target gene encoding Cys24-Glu190 is expressed.
Accession #	P01573
Host	E.coli
Species	Mouse
Predicted Molecular Mass	19.5 KDa
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.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&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.
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.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.

SDS-PAGE image

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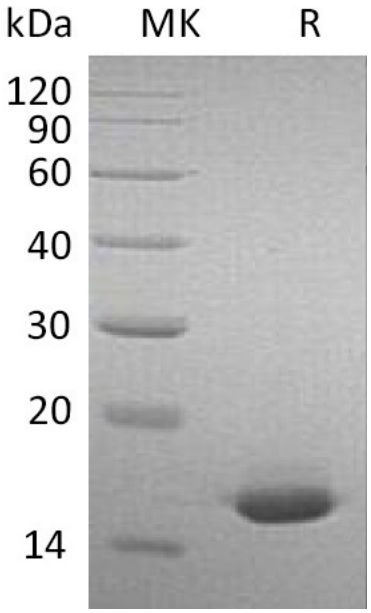

Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.