

Recombinant Mouse IFN alpha2

Catalog # EPT298

Expression Host 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

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

LeIF A; IFNA2

Mol Mass 19.5 KDa

AP Mol Mass 16 KDa, reducing conditions

Purity Greater than 95% as determined by reducing

SDS-PAGE.

Endotoxin Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

FORMULATION Lyophilized from a 0.2 µm filtered solution of 20mM

PB, 100mM NaCl, pH 7.5.

RECONSTITUTION Always centrifuge tubes before opening.Do not mix by

vortex or pipetting.



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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.

STORAGE

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

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

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

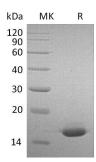
BACKGROUND

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



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