IFN-α2A (Lys46), Human, Recombinant

PCK163

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

Human

E.coli

Cys24-Glu188(Arg46Lys)

P01563

19.24 kDa

Loaded Human IFNAR2-Fc on Protein A Biosensor, can bind Human IFN alpha2a with an affinity constant of 1.95 nM as determined in BLI assay.

>95% as determined by reducing SDS-PAGE.

<1.0 EU per μg as determined by LAL test.

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.

Ambient temperature or ice pack.

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

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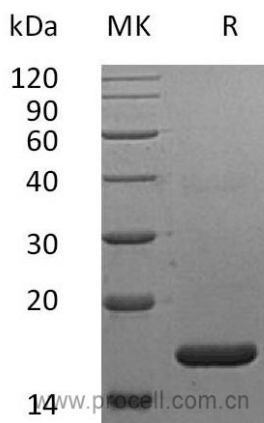:   858   C4

Rev.V1.0

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.
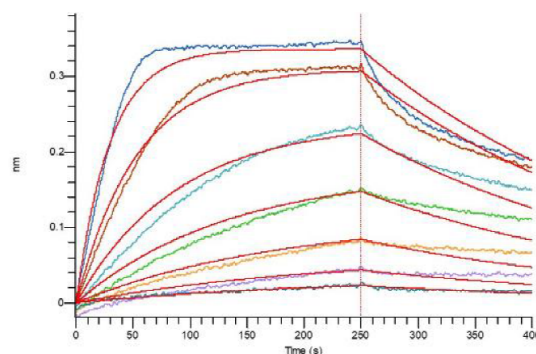
At least 23 different variants of IFN-α are known. The individual Proteins have molecular masses between 19-26 kDa and consist of Proteins with lengths of 156-166 and 172 amino acids. All IFN-α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-α subtypes only differ in their sequences by one or two positions. Naturally occurring variants also include Proteins truncated by 10 amino acids at the carboxy-terminal end.

SDS-PAGE

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