

IFN- α 2B, Human, Recombinant

Cat. No. : PCK164

General Information

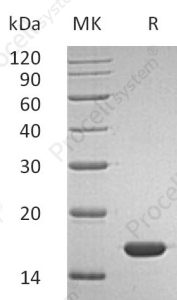
Synonyms	Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2
Species	Human
Expression host	E.coli
Sequence	Cys24-Glu188
Accession	P01563
Mol mass	19.4 kDa
Expiration date	12 months
Bio activity	Measured in antiviral assay using A549 human lung cancer cells infected with vesicular stomatitisvirus (VSV). The ED50 for this effect is 5 ng/mL.

Product feature

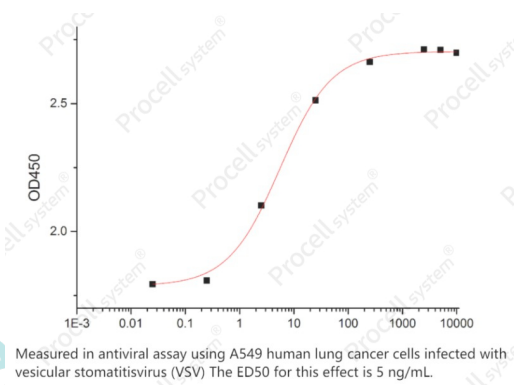
Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

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 differ in their sequences by only one or two positions. Naturally occurring variants also include Proteins that are truncated by 10 amino acids at the carboxyl-terminal end.

SDS-PAGE

Bio activity



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