

IFN-alpha 6/IFNA6 Protein, Human, Recombinant (His)

General Information

Synonyms:	Interferon α -K; Interferon α -6; IFN α 6; Interferon α -54; Interferon Alpha-54; Interferon Alpha-K; IFN-Alpha-6; Interferon Alpha-6; IFNA6; IFN- α -6; LeIF K
Protein Construction:	Ser21-Glu189
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P05013
Molecular Weight:	18 KDa (reducing condition)
AA Sequence:	Ser21-Glu189

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing 20 mM PB, 500 mM NaCl, 1 mM EDTA, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Interferon α -6 (IFN- α 6) is a secreted protein which belongs to the α/β interferon family. IFN- α 6 is produced by macrophages, expressed at low level, only 1.0% of the average gene in this release. IFN- α 6 contains interferon alpha, beta and delta domain. IFN- α has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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