

Recombinant Human IFN- α 6 Protein

Catalog No.: RP00540

Sequence Information

Species	Gene ID
Human	3443
Swiss Prot	Tags
P05013	C-6×His

Synonyms

IFNA6, IFN- α 6

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
20.90 kDa	15–20 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1–0.5 mg/mL in sterile distilled water.

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 α , β and δ domain. IFN- α has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.

Basic Information

Description

Recombinant Human IFN- α 6 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Ser21–Glu189) of human IFNA6/IFN- α 6/LeIF K (Accession #P05013) fused with a 6×His tag at the C-terminus.

Activity

Measured in a cell cytotoxicity assay using TF-1 cells. The ED₅₀ for this effect is 0.12–0.48 ng/mL, corresponding to a specific activity of 2.50×10⁶~8.33×10⁶ units/mg.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

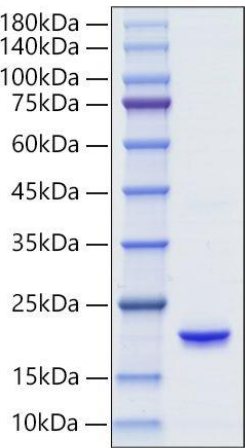
Contact

☎ | 400-999-6126

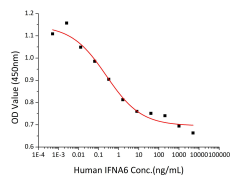
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Validation Data



Recombinant Human IFN-alpha 6 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Recombinant Human IFNA6/IFN-alpha 6/LeIF K Protein cytotoxicity assay using TF-1 cells. The ED₅₀ for this effect is 0.12-0.48 ng/mL, corresponding to a specific activity of 2.50×10⁶~8.33×10⁶ units/mg.