

GMP Recombinant Human Interferon Alpha-2b, Cys24-Glu188

Cat. No. IFNA2-06HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Interferon Alpha-2b(Cys24-Glu188)(P01563) was expressed in Chinese Hamster Ovary cell line.
Species	Human
Source	CHO
ProteinLength	Cys24-Glu188
Form	Lyophilized from a 0.2 um filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4.
Bio-activity	Measured by a cytotoxicity assay using TF-1 Cells. The ED50 this effect is ≤ 100 pg/mL, corresponding to a specific activity is $\geq 1 \times 10^7$ units/mg.
Molecular Mass	19.2 kDa
Endotoxin	≤ 10 EU/mg by the LAL method.
Purity	$\geq 95\%$, by SDS-PAGE (under reducing & Non-reducing conditions, visualized by Coomassie staining)
Storage	36 months at 2°C to 8°C in lyophilized state; 6 months at -20°C to -80°C under sterile conditions after reconstitution; 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute with sterile deionized water for concentration of 0.25 mg/ml.

GENE INFORMATION

Gene Name IFNA2 interferon alpha 2 [Homo sapiens (human)]

Official Symbol IFNA2

Synonyms IFNA; IFNA2B; IeIF A; IFN-alphaA; IFN-alpha-2; IFNA2

Gene ID 3440

mRNA Refseq NM_000605

Protein Refseq NP_000596

MIM 147562

UniProt ID P01563

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