

Active Recombinant Human IFNA2 protein(K23R, H34R)

Cat. No. IFNA2-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFNA2 protein(K23R, H34R)(24-188 aa) was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	24-188 aa
Form	Lyophilized from a 0.2 µ filtered solution in PBS, pH 7.0, 5% Trehalose, 0.02 % Tween-20, 5% Mannitol.
Bio-activity	Fully biologically active when compared to standard. The activity is determined by the cytopathic effect inhibition assay.
Molecular Mass	Approximately 19.3 kDa, a single polypeptide chain containing 165 amino acids.
AASequence	CDLPQTHSLG SRRTLMLLAQ MRRISLFSCS KDRRDFGFPQ EEFGNQFQKA ETIPVLHEMI QQIFNLFSTK DSSAAWDETL LDKFYTELYQ QLNDLEACVI QGVGVTETPL MKEDSILAVR KYFQRITLYL KEKKYSPCAW EVVRAEIMRS FSLSTNLQES LRSKE
Endotoxin	Less than 1.0 EU/g of rHuIFN-α2c, Yeast as determined by LAL method.
Purity	> 97 % by SDS-PAGE and HPLC analyses.

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Storage Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name IFNA2 interferon, alpha 2 [Homo sapiens]

Official Symbol IFNA2

Synonyms IFNA2; interferon, alpha 2; interferon alpha-2; alpha 2a interferon; IFN alphaA; IFNA; interferon alpha 2b; interferon alpha A; IeIF A; IFN-alpha-2; alpha-2a interferon; INFA2; IFNA2B; IFN-alphaA; MGC125764; MGC125765;

Gene ID 3440

mRNA Refseq NM_000605

Protein Refseq NP_000596

MIM 147562

UniProt ID P01563

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