

Active Recombinant Human IFNA2b

Cat. No. IFNA2-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IFNA2b(P01563)(24-188 aa) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	24-188 aa
Form	Lyophilized from a 0.2 µ filtered solution in PBS, pH 7.4.
Bio-activity	Fully biologically active when compared to standard. The specific activity determined by an anti-viral assay is no less than 1.0×10^8 IU/mg.
Molecular Mass	Approximately 19.4 kDa, a single non-glycosylated polypeptide chain containing 166 amino acids.
AASequence	MCDLPQTHSL GSRRTLMLLA QMRRISLFSC LKDRHDFGFP QEEFGNQFQK AETIPVLHEM IQQIFNLFST KDSSAAWDET LLDKFYTELY QQLNDLEACV IQGVGVTEPT LMKEDSILAV RKYFQRITLY LKEKKYSPCA WEVVRAEIMR SFSLSTNLQE SLRSKE
Endotoxin	Less than 1 EU/g of rHuIFN-α2b, Ecoli. as determined by LAL method.
Purity	> 96 % 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.

SDS-PAGE

