

重组人干扰素- 2b(IFN- 2b)

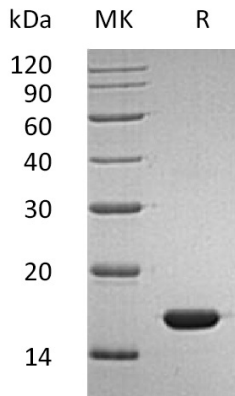
Interferon Alpha-2b(IFN 2b),Human,Recombinant

Cat. No.: MA1465-1 Size: 10µg

Source:	E.coli
Description:	Recombinant Human Interferon Alpha-2b is produced by our E.coli expression system and the target gene encoding Cys24-Glu188 is expressed.
Accession:	P01563
Known As:	Interferon Alpha-2; IFN-Alpha-2; Interferon Alpha-A; LeIF A; IFNA2
Predicted Mol Mass:	19.4 KDa
Apparent Mol Mass:	17 KDa, reducing conditions
Endotoxin:	< 1 EU/µg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Reconstitution:	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background:	At least 23 different variants of IFN-α are known. The individual proteins have molecular masses between 19-26 kDa and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-α subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-α subtypes differ in their sequences by only one or two positions. Naturally occurring variants also include proteins that are truncated by 10 amino acids at the carboxyl-terminal end.

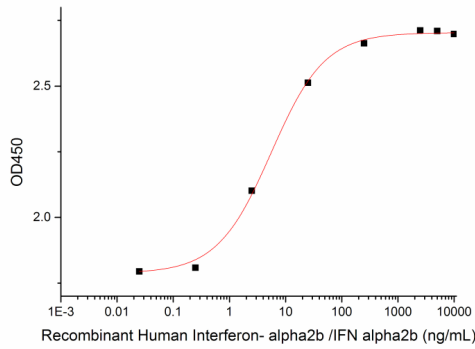


Purity-SDS-PAGE:



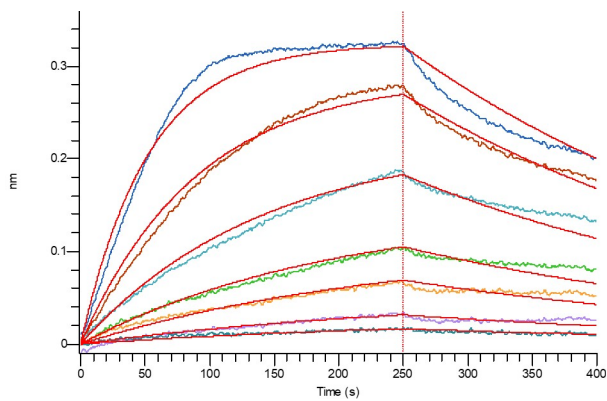
Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

Bioactivity-Cell Based Assay:



Measured in antiviral assay using A549 human lung cancer cells infected with vesicular stomatitisvirus (VSV) The ED50 for this effect is 5 ng/mL.

Bioactivity-BLI:



Loaded Human IFNAR2-Fc on Protein A Biosensor, can bind Human IFN alpha2b(Cat#MA1465) with an affinity constant of 2.98 nM as determined in BLI assay. (Regularly tested)

