

Recombinant Human Interferon-alpha1a

#R00151

Size: 100 µg/500 µg

Stability & 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.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

MCDLPETHSLDNRRTLMLLAQMSRISPSSCLMDRHD
FGFPQEEFDGNQFQKAPAISVLHELIQQIFNLFTTKDS
SAAWDEDLLDKFCTELYQQLNDLEACVMQEERVGET
PLMNADSILAVKKYFRRITLYLTEKKYSPCAWEVVRAE
IMRSLSLSTNLQERLRRKE

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.

Product Specification

Accession	P01562
GeneID	3439
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 19.5 kDa, a single non-glycosylated polypeptide chain containing 167 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological 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.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm

Endotoxin

filtered solution in PBS, pH 7.4, containing 3 % Mannitol, 5 % Trehalose, 0.05 % Tween-80.

Less than 0.1 EU/µg of rHuIFN-α1a as determined by LAL method.