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HSA-IFNa2b

Catalog # PVGS1006

Product Information

Species	Human
Purity	Greater than 98.0% as determined by: (a) Analysis by RP-HPLC (b) Anion-exchange FPLC (c) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel
Endotoxin Level	Less than 0.1 ng/ g (1 EU/ g) of human HSA-IFN-α 2b
Formulation	Lyophilized from a (1 mg/ml) solution in containing 5.55 mg sodium phosphate dibasic, 5.55 mg sodium phosphate monobasic buffer, 296 mg sucrose and 0.37 mg Tween 80.
Reconstitution	It is recommended to reconstitute the lyophilized HSA-IFN a2b in sterile 18 MΩ-cm H_2O not less than 100 g/ml, which can then be further diluted to other aqueous solutions.

Additional Information

Target Background	At least 23 different variants of Interferon-alpha are known. The individual proteins have molecular masses between 19,000-26,000 Da and consist of proteins with lengths of 156-166 and 172 amino acids. All IFN-alpha subtypes possess a common conserved sequence region between amino acid positions 115-151 while the amino-terminal ends are variable. Many IFN-alpha subtypes differ in their sequences at only one or two positions. Naturally occurring variants also include proteins truncated by 10 amino acids at the carboxyl-terminal end. Human Serum Albumin and Interferon (HSA-IFN)-α 2b produced in P. Pichia is a single non-glicosylated, polypeptide chain having a molecular mass of 85,700 Da.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.