



Certificate of Analysis

IFN-beta Protein, Mouse (HEK293, Fc)

Cat. No.: HY-P73131
Batch No.: 135590
Species: Mouse
Source: HEK293
Tag: C-hFc
Accession: P01575 (M1-N182)
Gene ID: 15977
Molecular Weight: Approximately 58 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	92.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in antiviral assay using L929 cells infected with vesicular stomatitisvirus (VSV) and the ED ₅₀ is typically 8 pg/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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