



Certificate of Analysis

Animal-Free IFN-lambda 3/IL-28B Protein, Mouse (His)

Cat. No.: HY-P700204AF
 Batch No.: 268438
 Species: Mouse
 Source: *E. coli*
 Tag: C-His
 Accession: Q8CGK6 (D20-V193)
 Gene ID: 338374
 Molecular Weight: Approximately 20.56 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.	<0.1 EU/µg
Biological Activity	Measure by its ability to protect HepG2 cells infected with encephalomyocarditis (EMC) virus. The ED ₅₀ for this effect is <20 ng/mL.	<20 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C for 2 years from date of receipt. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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