



Certificate of Analysis

IP-10/CRG-2/CXCL10 Protein, Human

Cat. No.: HY-P7226
 Batch No.: 404098
 Species: Human
 Source: *E. coli*
 Tag: Tag Free
 Accession: P02778 (V22-P98) with N-Met
 Gene ID: 3627
 Molecular Weight: Approximately 8-13 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to chemoattract Jurkat cells. The ED ₅₀ for this effect is 45.45 ng/mL, corresponding to a specific activity is 2.200×10 ⁴ U/mg.	45.45 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. 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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