



Certificate of Analysis

PF-4/CXCL4 Protein, Human (Biotinylated, His-Avi)

Cat. No.:	HY-P700981
Batch No.:	416604
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-His;N-Avi
Accession:	NP_002610.1 (E32-S101)
Gene ID:	5196
Molecular Weight:	13 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human CCL5, His Tag at 5 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Human CXCL4, His Tag with the EC ₅₀ of 1.1 μg/mL determined by ELISA.	1.1 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in 4 mM HCl (pH 3.0).	
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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