



Certificate of Analysis

VEGF-C Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P77865
Batch No.:	395401
Species:	Human
Source:	HEK293
Tag:	C-Avi;C-His
Accession:	Q6FH59 (T103-R227)
Gene ID:	7424
Molecular Weight:	Homodimer. Approximately 23-30 kDa on SDS-PAGE under reducing conditions

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Biotinylated Human VEGF-C, His Tag at 0.5 μg/mL (100 μl/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Human VEGF R3, hFc Tag with the EC ₅₀ of ≤9 ng/mL determined by ELISA.	5.8 ng/mL
Appearance	Lyophilized powder	
Reconstitution	Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in 50 mM MES, 150 mM NaCl (pH 6.0).	
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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