



Certificate of Analysis

VEGF-CC Protein, Human (125a.a, HEK293, His)

Cat. No.:	HY-P73529
Batch No.:	147428
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P49767 (T103-R227)
Gene ID:	7424
Molecular Weight:	Approximately 22.5 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	1. Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC) and the ED ₅₀ is 0.1-0.5 μg/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized VEGF-C-His at 2 μg/mL (100 μL/well) can bind VEGFR3-His and the EC ₅₀ is 1-10 ng/mL.	0.3 μg/mL (Test by method 1) Pass (Test by method 2)
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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