



Certificate of Analysis

VEGF-CC Protein, Mouse/Rat (HEK293, Fc)

Cat. No.:	HY-P74475
Batch No.:	242525
Species:	Rat;Mouse
Source:	HEK293
Tag:	N-hFc
Accession:	P97953 (A108-R223)/O35757(A108-R223)
Gene ID:	22341/114111
Molecular Weight:	Approximately 44&34 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.30%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	1.Immobilized mouse FLT4-His at 10 µg/mL (100 µL/well) can bind mouse/rat Fc-VEGFC and the EC ₅₀ is 0.41-0.95 µg/mL. 2.Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC) and the ED ₅₀ is typically 70-300 ng/mL	Pass (Test by method 1) 100 ng/mL (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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