



Certificate of Analysis

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

Cat. No.:	HY-P74474
Batch No.:	253002
Species:	Mouse;Rat
Source:	HEK293
Tag:	C-6*His
Accession:	P97953/NP_033532.1/O35757 (A108-R223)
Gene ID:	22341/22341/114111
Molecular Weight:	14-23 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED ₅₀ for this effect is typically 0.1-2.612 μg/mL, corresponding to a specific activity of ≥ 382.85 units/mg.	2.612 μg/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. 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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