



Certificate of Analysis

VEGF165 Protein, Human (Biotinylated, HEK293, Avi)

Cat. No.: HY-P78813
Batch No.: 294175
Species: Human
Source: HEK293
Tag: N-Avi
Accession: NP_001165097 (A27-R191)
Gene ID: 7422
Molecular Weight: 25-30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reduced SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Anti-VEGFA antibody at 5 μg/mL can bind Biotinylated Human VEGF165. The EC ₅₀ is 6.080-7.120 ng/mL.	PASS
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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