



# Certificate of Analysis

## VEGFR-1 Protein, Human (Biotinylated, HEK293, His-Avi)

**Cat. No.:** HY-P78230  
**Batch No.:** 213602  
**Species:** Human  
**Source:** HEK293  
**Tag:** C-Avi;C-His  
**Accession:** P17948 (S27-N756)  
**Gene ID:** 2321  
**Molecular Weight:** 100-120 kDa

### 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	Measured by its binding ability in a functional ELISA. When immobilized Human VEGF165 at 1 μg/ml (100μl/Well), can bind Biotinylated Human VEGF R1 His and the EC <sub>50</sub> is 25-30 ng/mL.	28.8 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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