

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name: VEGF121, Human

Cat. No.: Z03140-10; Z03140-50

Lot No.: P50101411

Size: 10 µg/vial; 50 µg/vial

Storage Condition: Lyophilized recombinant human VEGF-A121 (rhVEGF-A121) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rhVEGF-A121 remains stable up to 2 weeks at 4°C or up to 3 months at -20°C.

### Quality Control

| Test Items                              | Specifications              | Results   |
|---|-----------------------------|-----------|
| Physical Appearance                     | White Freeze - dried Powder | Conformed |
| Purity (SDS-PAGE&HPLC)                  | > 95%                       | Conformed |
| Biological Activity (ED <sub>50</sub> ) | <5 ng/ml                    | Conformed |
| Molecular Weight                        | 28.2 kDa                    | Conformed |
| Bacterial Endotoxin                     | < 0.2 EU/µg                 | Conformed |

### Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: Joe Wang Date: 01/31/2015  
Protein Products Department