

Certificate of Analysis

Product Name: Recombinant Human VEGF-121
Cat No: HVG-VF1-0010, HVG-VF1-0100, HVG-VF1-1000
Lot No: SI6040
Size: 10ug/vial, 100ug/vial, 1000ug/vial

Source: Expressed in human cell line cultured in serum-free and chemically defined medium

Structure: Glycosylated homodimer

Physical Appearance: White freeze-dried powder

Purity: > 95% by SDS-PAGE

Specific Activity: 2-8ng/ml for ED50 measured by its ability to stimulate the proliferation of HUVEC cells(Human Umbilical Vein Endothelial Cells).

Endotoxin Level: < 0.5EU/ug by LAL assay

Molecular Weight: 37kDa homodimer, 50kDa homotrimer

Formulation: Lyophilized in PBS without carrier protein.

Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Reconstitution: Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin.

Storage Condition: Upon reconstitution, store at 2-8°C for up to one month under aseptic condition. For long term storage, aliquot and store at -80°C is recommended for retention of full activity. Avoid repeated freeze/thaw cycles.

Authorization

Released by: _____



Date: 04/28/2018

Limited Use and Restrictions

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