Active Recombinant Human VEGF121 protein, Avi-His-tagged, Biotinylated

Cat. No. VEGF121-0818H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human VEGF121 protein(Ala27-Arg147), fused with Avi-His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-147 a.a.
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized VEGFR1/R2-Fc at 1 μg/mL (100 μL/well) can bind Biotinylated Human VEGF121, Avitag,His Tag with a linear range of 0.1-2 ng/mL.
Molecular Mass	This protein carries an Avi tag (Avitag) at the N-terminus, followed by a polyhistidine tagThe protein has a calculated MW of 16.7 kDa. The protein migrates as 18 kDa and 22 kDa under reducing (R) condition, and 35-40 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala27-Arg147
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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