

Active Recombinant Human VEGF165 protein, His-tagged

Cat. No. VEGF165-1001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VEGF165 protein(Ala 27 - Arg 191), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala 27 - Arg 191
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human VEGF R1&VEGF R2, Fc Tag at 2 µg/mL (100 µL/well) can bind Human VEGF165, His Tag with a linear range of 0.004-0.063 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus.The protein has a calculated MW of 21.1 kDa. The protein migrates as 25-27 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

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.

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