

Recombinant Human VEGF165

Catalog Number: Y04701

Characteristics:

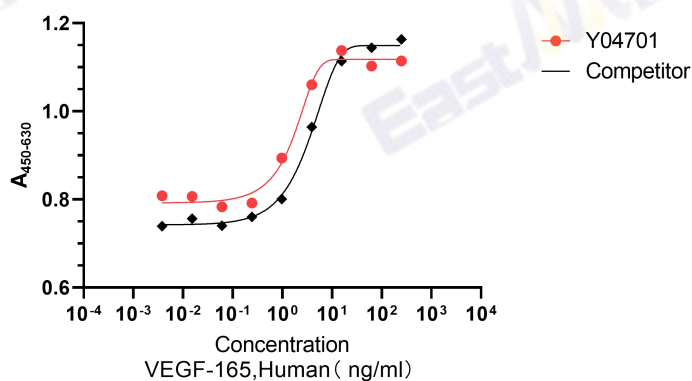
Source	Chinese Hamster Ovary cell line
Description	Human VEGF165 (Ala27-Arg191) Accession # P15692
Predicted molecular mass	19.1kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using HUVEC human umbilicveinendothelial cells. The ED ₅₀ for this effect is 0.2-5 ng/mL
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice.
Storage & Stability	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:**Bioactivity**

Recombinant Human VEGF165 (Cat. No. Y04701) stimulates proliferation of HUVEC human umbilic vein endothelial cells. The ED_{50} for this effect is 0.2-10 ng/mL. Y04701 was higher than the other competing product