

Recombinant Human VEGF121

Cat. No.:MGC087 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human VEGF121(Ala27-Arg147) Accession #P15692
Predicted molecular mass	14.1kDa

Specification:

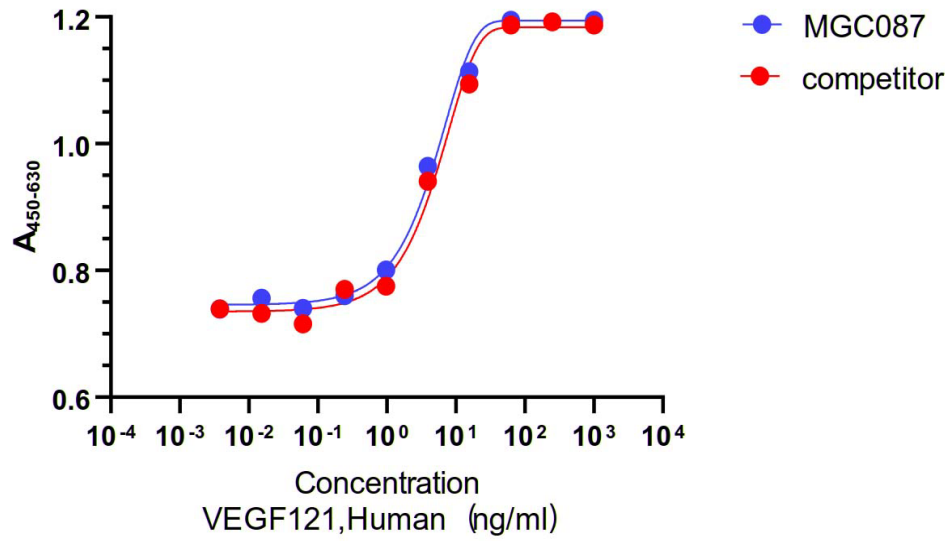
Appearance	White powder,colorless clear liquid after reconstitution
Purity	\geq 95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	\leq 0.01EU/ μ g by the LAL method
Activity	Measured in a cell proliferation assay using HUVEC human umbilic vein endothelial cells. The ED ₅₀ for this effect is < 10 ng/mL.
Formulation	Lyophilized from a 0.22 μ m-filtered solution containing PBS,5% Mannitol,0.01% Tween 80, pH7.4

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	Wet ice (seasonal)
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



Measured in a cell proliferation assay using HUVEC cells.

S260401