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# Recombinant Human VEGF121

Catalog Number : mly12301

## 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	≥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 umbilic vein endothelial cells. The ED <sub>50</sub> for this effect is < 10 ng/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS,5% Mannitol,0.01% Tween 80, pH7.4
Size	10 μg/vial, 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.