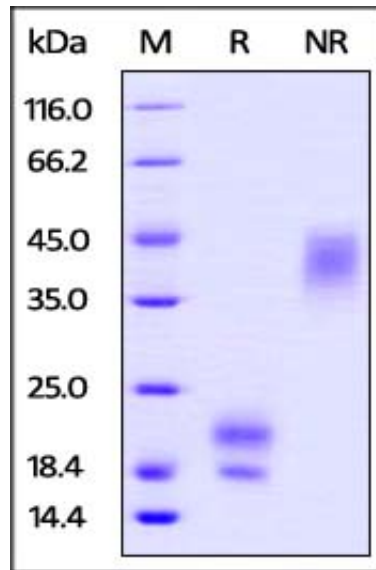


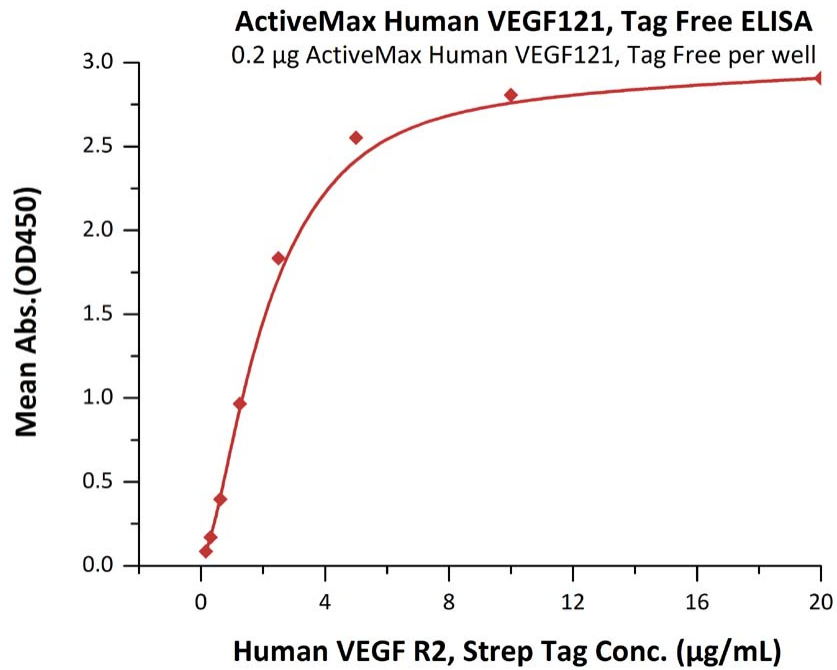
Recombinant Human VEGFA(VEGF121) protein

Product Information

Cat	IMP-623
Official Symbol	VEGFA
Product Overview	Recombinant Human VEGFA protein(NP_001020537.2)(Ala 27-Arg 147) was expressed in HEK293.
Expression System	HEK293
Species	Human
Form	Lyophilized from 0.22 μ m filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a calculated MW of 14.1 kDa. As a result of glycosylation, the protein migrates as 19 kDa and 20 kDa under reducing (R) condition, and 40-45 kDa (homodimer) under non-reducing (NR) condition (SDS-PAGE).
Protein length	Ala 27-Arg 147
Endotoxin	Less than 1.0 EU per μ g by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 μ g/ μ l. Centrifuge the vial at 4°C before opening to recover the entire contents.
SDS-PAGE	



Bioactivity-ELISA 1



Immobilized ActiveMax Human VEGF121, Tag Free at 2 µg/mL (100 µL/well) can bind Human VEGF R2, Strep Tag with a linear range of 0.15-2.5 µg/mL.