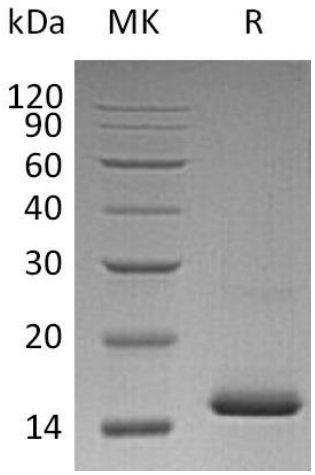
Recombinant Human VEGF 121

Catalog#:PEH1806

概述（Summary）

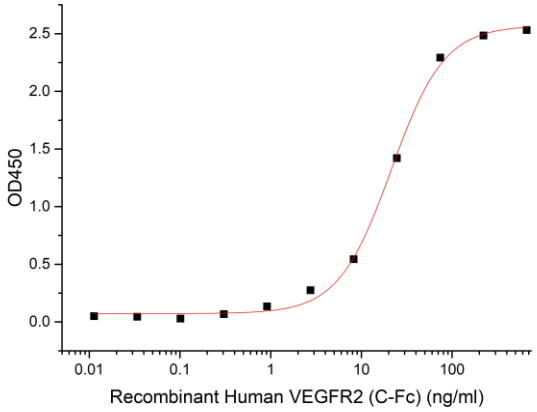
别称（Alternative Names）	Vascular endothelial growth factor A; VEGFA; VEGF-A; Vascular permeability factor; VPF; VEGF; VEGF121
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Ala27-Arg147】
Accession #	P15692-9
表达宿主（Host）	E. coli
种属（Species）	Human
预测分子量（Predicted MW）	14.2 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 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.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

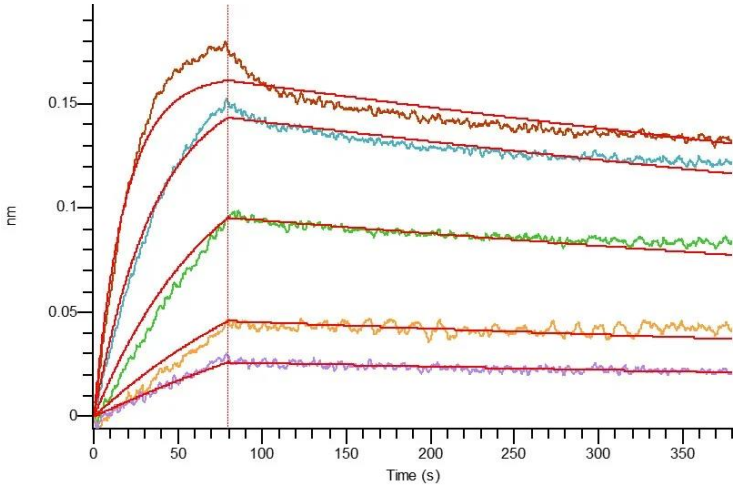


Greater than 95% as determined by reducing SDS-PAGE.

活性图（Bioactivity image）



Immobilized Human VEGF 121 at 2μg/ml (100 μl/well) can bind Human VEGFR2-Fc.The ED50 of Human VEGFR2-Fc is 13.04 ng/ml.



Loaded Human VEGF Antibody (5E7)-Fc on AHC Biosensor, can bind Human VEGF 121 with an affinity constant of 1.31 nM as determined in BLI assay.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.