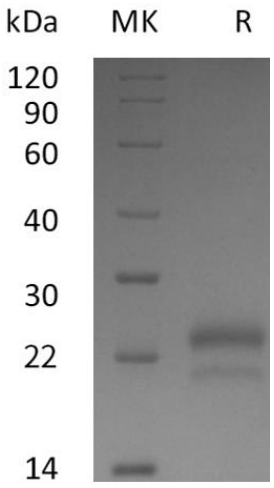
Recombinant Human VEGF165

Catalog#:PHH1805

概述（Summary）

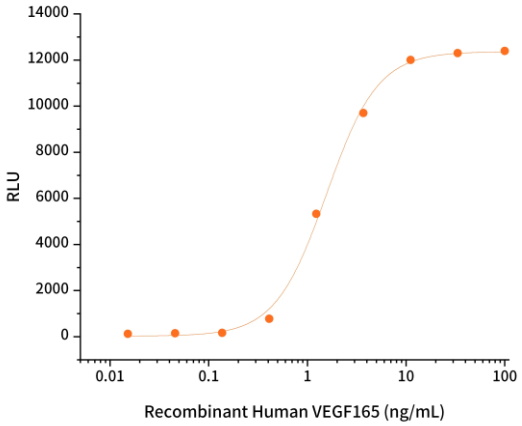
别称（Alternative Names）	Vascular Endothelial Growth Factor Isoform 165; VEGF165
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<0.01 EU/μg as determined by LAL test.
蛋白构建（Construction）	【Ala27-Arg191】
Accession #	P15692-4
表达宿主（Host）	HEK293
种属（Species）	Human
预测分子量（Predicted MW）	19.1 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 8% Sucrose, 4% Mannitol, 0.05% Tween 80, pH4.0.
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）

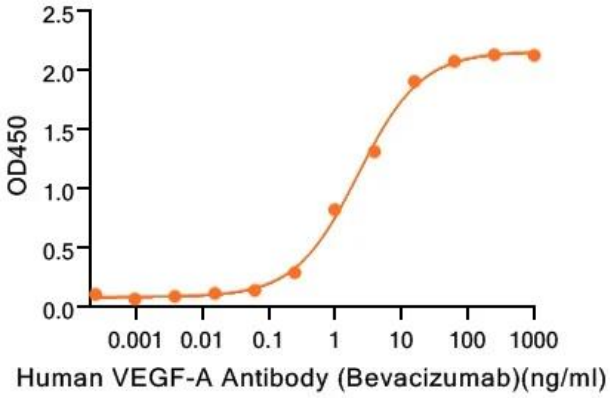


Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

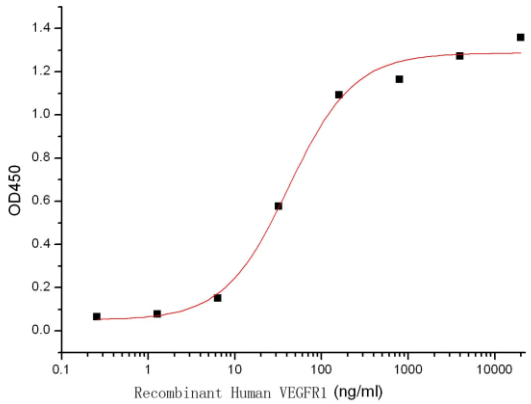
活性图（Bioactivity image）



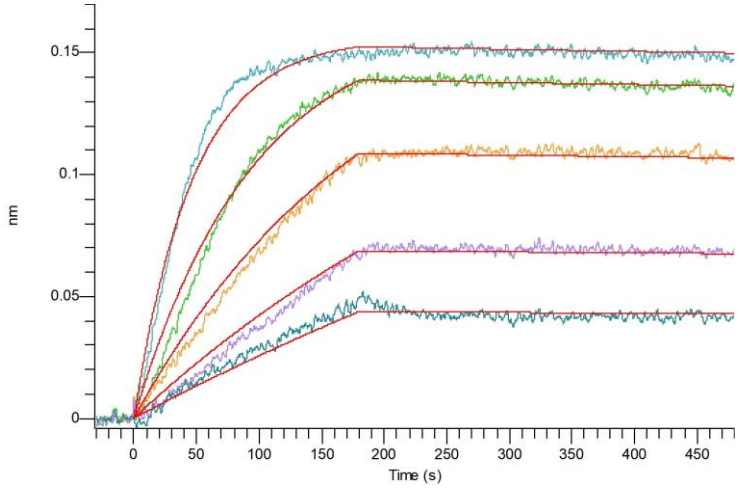
Measured by its ability to induce calcineurin- NFAT signaling in 293-VEGF Res cells. The ED50 for this effect is 1.0-8.0 ng/mL. (QC verified)



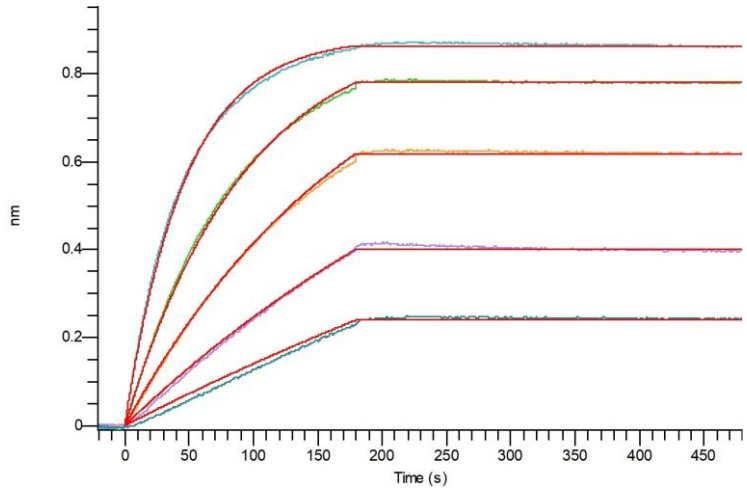
Immobilized Recombinant Human VEGF165 at 2μg/ml (100 μl/well) can bind Human VEGF-A Antibody (Bevacizumab)(Human IgG1). The ED50 of Human VEGF-A Antibody (Bevacizumab)(Human IgG1) is 2.20 ng/ml. (Regularly tested)



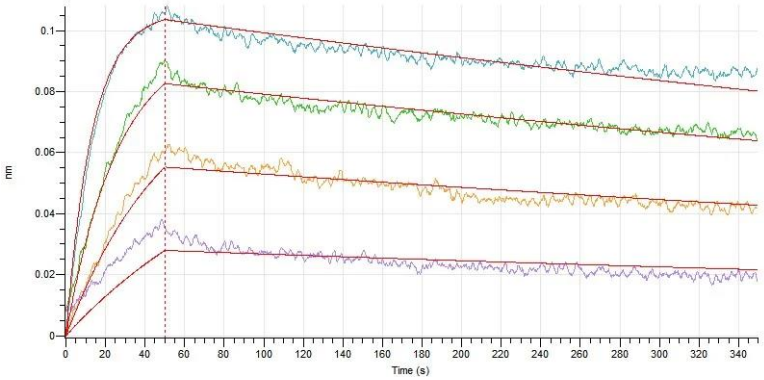
Immobilized Human VEGF165 at 10μg/ml (100 μl/well) can bind Human VEGFR1-Fc. The ED50 of Recombinant Human VEGFR1-Fc is 36.4 ng/ml. (Regularly tested)



Loaded Brolucizumab on AMC Biosensor, can bind Recombinant Human VEGF165 with an affinity constant of 22.2 pM as determined in BLI assay. (Regularly tested)



Loaded Human VEGF-A Antibody (Bevacizumab) on Pro-A Biosensor, can bind Recombinant Human VEGF165 with an affinity constant of 7.12 pM as determined in BLI assay. (Regularly tested)



Loaded Human VEGFR1-Fc on Protein A Biosensor, can bind Human VEGF165 with an affinity constant of 0.29 nM as determined in BLI assay. (Regularly tested)

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.