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Mouse VEGF-A/VEGF164 Recombinant Protein (85-216)

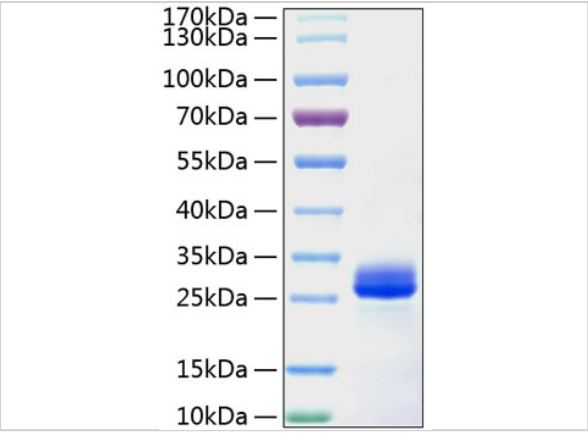
CATALOG NUMBER: 85-216

Specifications

Species	Mouse
Source Species	HEK293 cells
Fusion Tag	N-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	20.12 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Recombinant Mouse VEGF164 at 1 μg/mL (100 μL/well) can bind Recombinant Human VEGFR2 with a linear range of 8-30 ng/mL. 2.Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED_{50} for this effect is typically 0.006-0.022 ng/mL, corresponding to a specific activity of 4.54×10^{7}-1.67×10^{8}units/mg.

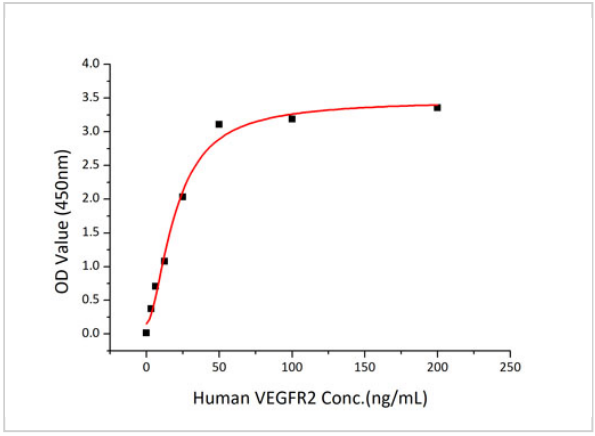
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



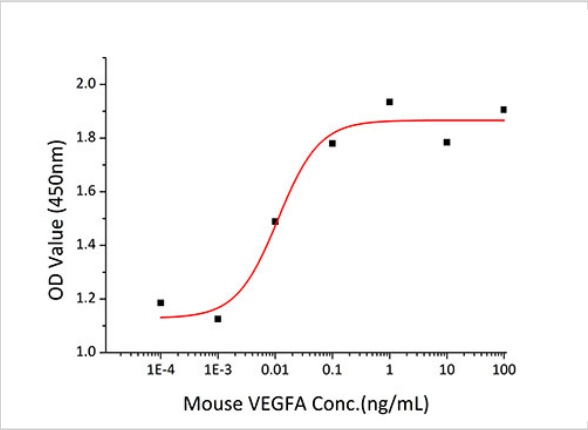
85-216_1

Recombinant Mouse VEGF-A/VEGF164 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-216_2

Immobilized Recombinant Mouse VEGF164 at 1 μg/mL (100 μL/well) can bind Recombinant Human VEGFR2 with a linear range of 8-30 ng/mL.



85-216_3

Recombinant Mouse VEGF164 promotes the proliferation of human umbilical vein endothelial cells (HUVEC). The ED_{50} for this effect is typically 0.006-0.022 ng/mL, corresponding to a specif...

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