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Rat VEGF-A/VEGF164 Recombinant Protein (85-386)

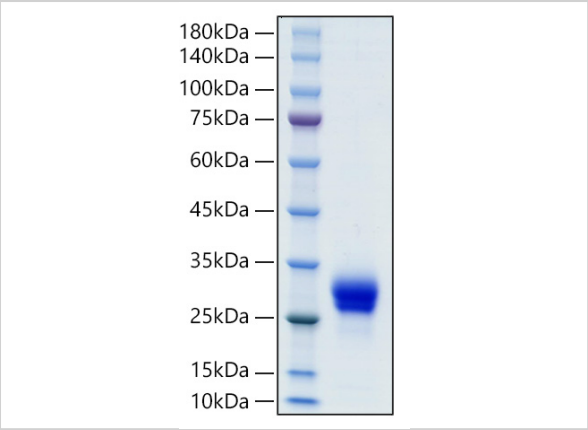
CATALOG NUMBER: 85-386

Specifications

Species	Rat
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	20.07 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Rat VEGF164 at 1 μg/mL (100 μL/well) can bind Human KDR with a linear range of 0.03-3.6 ng/mL. 2.Measured in a cell proliferation assay using human umbilical vein endothelial cells (HUVEC). The ED_{50} for this effect is typically 0.02-0.10 ng/mL.

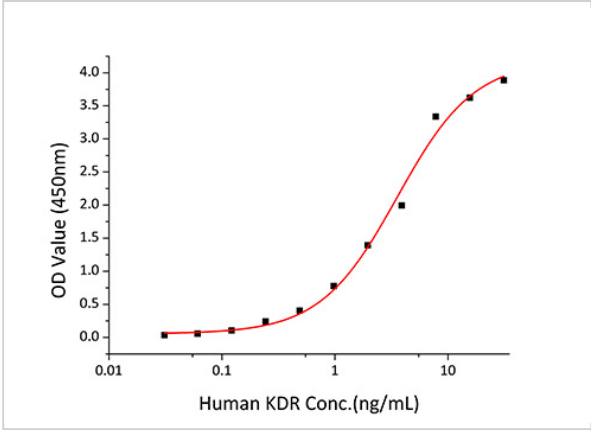
Properties

Purity	≥ 95 % as determined by SDS-PAGE.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
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.



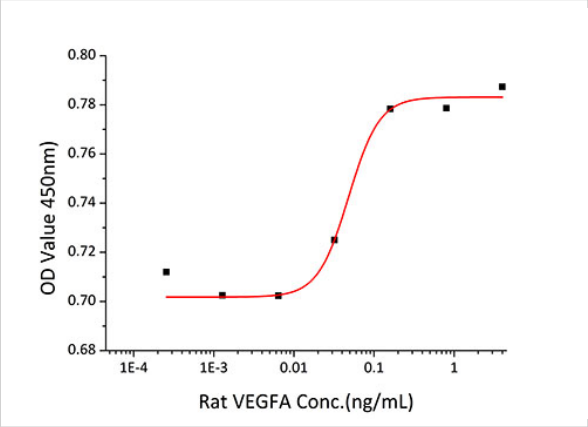
85-386_1

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



85-386_2

Immobilized Recombinant Rat VEGF164 at 1 μg/mL (100 μL/well) can bind Human KDR with a linear range of 0.03-3.6 ng/mL.



85-386_3

Recombinant Rat VEGF-A promotes the proliferation of HUVEC human umbilical vein endothelial cells. The ED_{50} for this effect is typically 0.02-0.10 ng/mL.

Disclaimer

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