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Human VEGFR-2/KDR/CD309 Recombinant Protein (84-869)

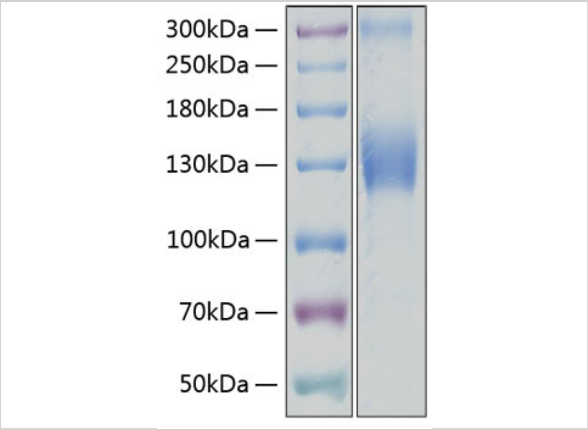
CATALOG NUMBER: 84-869

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	84.11 kDa
Biological Activity	1.Measured by its ability to inhibit the VEGF-dependent proliferation of human umbilical vein endothelial cells(HUVEC). The ED_{50} for this effect is typically 10-50 μg/mL in the presence of 10 ng/mL recombinant human VEGF165. 2.Measured by its binding ability in a functional ELISA. Immobilized PE anti-human CD309 (VEGFR2) Antibody at 1 μg/mL (25 μL/well) can bind Human VEGFR2 with a linear range of 0.46-68.8 ng/mL.

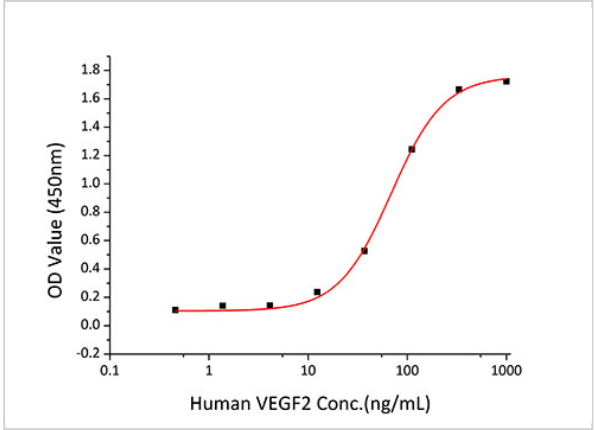
Properties

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



84-869_1

Recombinant Human VEGFR-2/KDR/CD309 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-869_2

Immobilized PE anti-human CD309 (VEGFR2) Antibody at 1μg/mL (25 μL/well) can bind Human VEGFR2 with a linear range of 0.46-68.8 ng/mL.

Disclaimer

Disclaimer	Products are intended for laboratory research purposes only and should be used by qualified personnel only. They are not intended for use in humans. ProSci is not liable for damages or injuries resulting from receipt and/or use of ProSci materials. Please refer to the Material Safety Data Sheet (MSDS) for safe storage, handling, and use procedures.

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