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Human PECAM-1/CD31 Recombinant Protein (84-881)

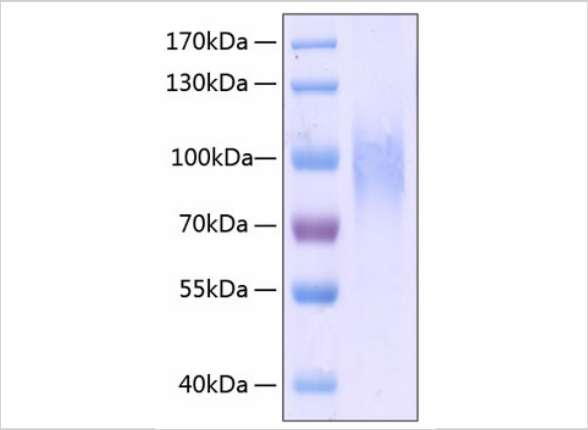
CATALOG NUMBER: 84-881

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	65.30 kDa
Biological Activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human CD31 at 1 μg/mL (100 μL/well) can bind Human CTNNB1 with a linear range of 9.7 ng/mL-1.5 μg/mL.2.Measured by the ability of the immobilized protein to support the adhesion of Jurkat human acute T cell leukemia cells. When 8×104 cells/well are added to CD31 coated plates (5μg/mL, 100 μL/well) in the presence of 10 μg/mL PHA,approximately 60-70% will adhere after 30 minutes at 37°C. 3.Measured by its binding ability in a functional ELISA.Immobilized APC anti-human CD31 Antibody at 1μg/mL (100 μL/well) can bind Human CD31 Protein with a linear range of 4-25.8 ng/mL.

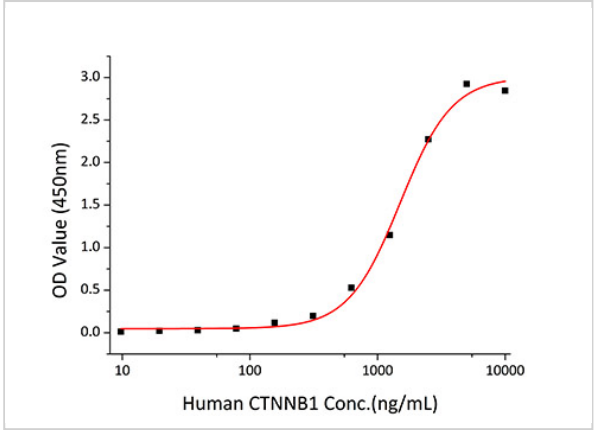
Properties

Purity	≥ 90 % 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.



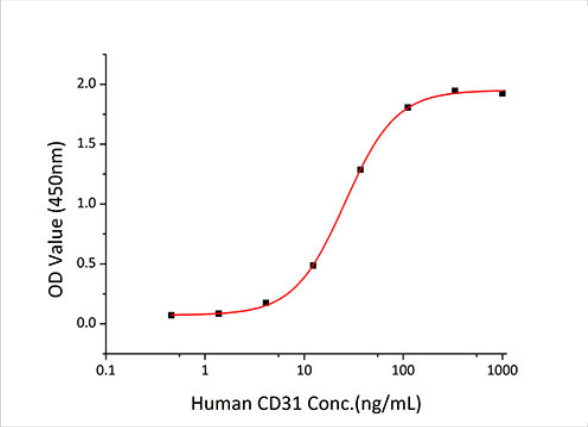
84-881_1

Recombinant Human PECAM-1/CD31 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



84-881_2

Immobilized Human CD31 at 1 μg/mL (100 μL/well) can bind Human CTNNB1 with a linear range of 9.7 ng/ml-1.5μg/mL.



84-881_3

Immobilized APC anti-human CD31 Antibody at 1μg/mL (100 μL/well) can bind Human CD31 Protein with a linear range of 4-25.8 ng/mL.

Disclaimer

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