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Human VCAM-1/CD106 Recombinant Protein (85-149)

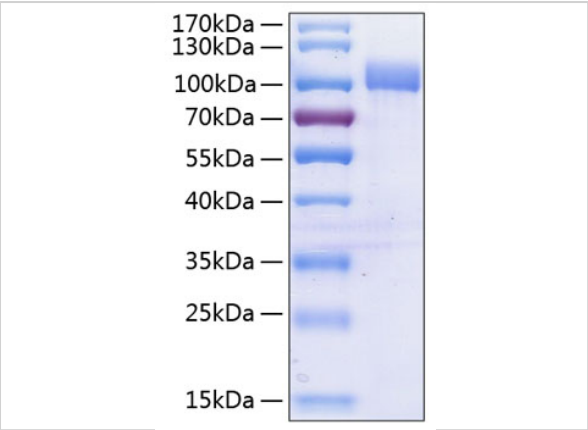
CATALOG NUMBER: 85-149

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	74.23 kDa
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5 x 10E4 cells/well are added to human VCAM1 coated plates (10 µg/mL with 100 µL/well), approximately 80%-90% cells will adhere after 1 hour at 37°C. 2.Measured by its binding ability in a functional ELISA.Immobilized APC anti-human CD106 Antibody at 1µg/mL (25 µL/well) can bind Human VCAM1 with a linear range of 0.46-16.9ng/mL.

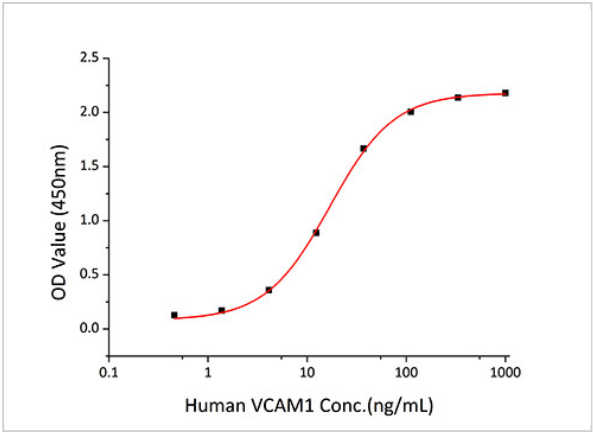
Properties

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.



85-149_1

Recombinant Human VCAM-1/CD106 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



85-149_2

Immobilized APC anti-human CD106 Antibody at 1μg/mL (25 μL/well) can bind Human VCAM1 with a linear range of 0.46-16.9ng/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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