

Catalog No.: RP01227 **Recombinant**

Species	Gene ID	Swiss Prot
Mouse	22329	O3UPN1

C-hFc&His

VCAM1:V-CAM 1:VCAM-1:CD106:VCAM1

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

103.68 kDa 120-140 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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Recombinant Mouse VCAM-1/CD106 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Glu698) of mouse VCAM-1/CD106 (Accession #NP_035823.3) fused with a Fc, 6xHis tag at the C-terminus.

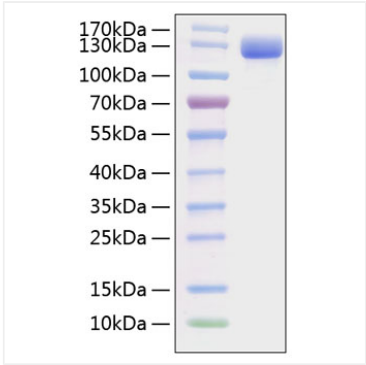
Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When 5×10^4 cells/well are added to mouse VCAM1 coated plates (10 $\mu\text{g/mL}$ with 100 $\mu\text{L/well}$), approximately 80%-90% cells will adhere after 1 hour at 37°C.

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.

Avoid repeated freeze/thaw cycles.

Validation Data



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