RP01227

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Recombinant Mouse VCAM-1/CD106 Protein

Catalog No.: RP01227 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	22329	Q3UPN1

Tags
C-hFc&His

Synonyms
VCAM1;V-CAM 1;VCAM-1;CD106;VCAM1

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

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

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

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

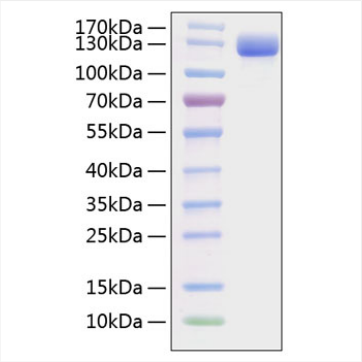
Basic Information

Description
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, 6×His tag at the C-terminus.

Bio-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 mouse VCAM1 coated plates (10 μg/mL with 100 μL/well), approximately 80%-90% cells will adhere after 1 hour at 37℃.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Mouse VCAM-1/CD106 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 120-130 kDa.