

Recombinant Mouse VCAM-1/CD106 Protein

Catalog No.: RP01176 Recombinant

Sequence Information

Species Gene ID Swiss Prot Mouse 22329 Q3UPN1

Tags

C-His

Synonyms

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

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

77.73 kDa 90-100 kDa

Endotoxin

< 0.1 EU/ μ g 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

<u>a</u>		400-999-6126
\bowtie		cn.market@abclonal.com.cn
•	T	www.abclonal.com.cn

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 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 μ g/mL with 100 μ L/well), approximately 70%-80% cells will adhere after 1 hour at 37°C.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

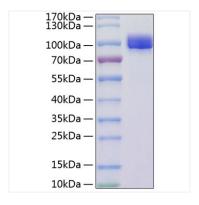
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



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