

Recombinant Mouse VCAM-1/CD106 Protein

Catalog No.: RP01227 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse | 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. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 103.68 kDa | 120-140 kDa |

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

Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | 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 Fc, 6xHis 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 10⁴ 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°C.

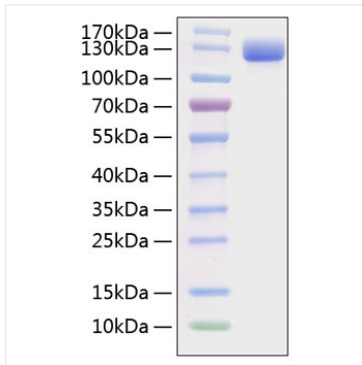
Storage

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.

Validation Data



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