

Recombinant Mouse VCAM-1/CD106 Protein

Catalog No.: RP01176

Sequence Information

Species **Gene ID**
Mouse 22329

Swiss Prot **Tags**
Q3UPN1 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/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.

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.

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 70%-80% cells will adhere after 1 hour at 37°C.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

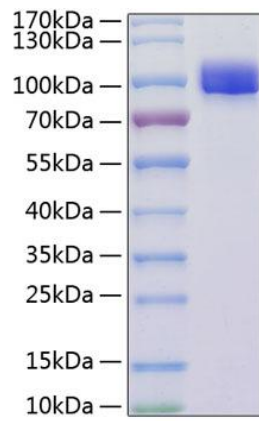
Contact

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Validation Data



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