Recombinant Mouse ICAM-1/CD54 Protein

Catalog No.: RP01065

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Sequence Information

Species
Mouse

Gene ID
15894

Swiss Prot
Q3U8M7

Tags
C-His

Synonyms
ICAM1,BB2,CD54,P3.58,MAL, CD54, Icam, Ly-4, Ly-47, Icam-1, MALA-2

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
51.08 kDa

Observed MW
80-90 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 stablizer (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 ICAM-1/CD54 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln28-Asn485) of mouse ICAM-1/CD54 (Accession #NP_034623.1) fused with a 6×His tag at the C-terminus.

Activity
Measured by the ability of the immobilized protein to support the adhesion of THP-1 cells. When cells are added to ICAM-1 coated plates (12.5 μg/mL, 100 μL/well),approximately >30% cells will adhere specifically after 60 minutes at 37 ℃.

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℃

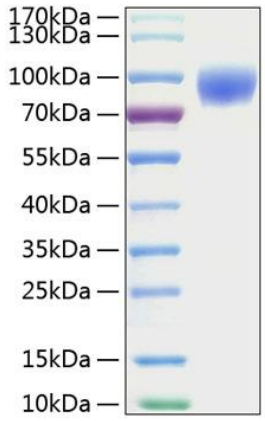
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Mouse ICAM-1/CD54 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.