

Recombinant Mouse ICAM-1/CD54 Protein

Catalog No.: RP01056

Sequence Information

Species	Gene ID
Mouse	15894
Swiss Prot	Tags
Q3U8M7	C-hFc&His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
77.03 kDa	120-130kDa

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 ICAM-1/CD54 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln28-Asn485) of mouse ICAM-1/CD54 (Accession #NP_034623.1.) fused with an Fc, 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 >80% cells will adhere specifically after 60 minutes 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.

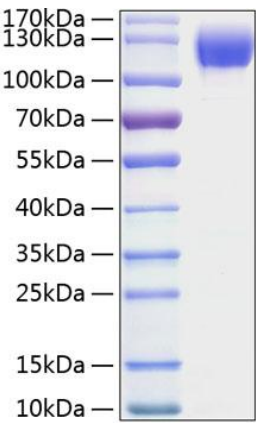
Contact

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Validation Data



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