

# **Recombinant Mouse ICAM-1/CD54 Protein**

Catalog No.: RP01056 Recombinant

# **Sequence Information**

**Species Gene ID Swiss Prot**Mouse 15894 Q3U8M7

## **Tags**

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/ $\mu$ 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

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## **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,  $6\times His$  tag at the C-terminus.

#### **Bio-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  $\mu$ g/mL, 100  $\mu$ L/well),approximately >80% cells will adhere specifically after 60 minutes 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.

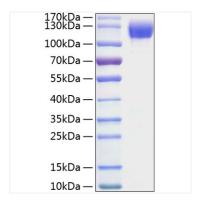
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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