

## Mouse ICAM, His Tag, CHO

**Catalog Number** LDG023PMM

**Package** 5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Form

Lyophilized

#### Expression System

CHO

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Molecular weight

The protein has a calculated MW of 51.06 kDa. The protein migrates as 65-93 kDa under reducing condition (SDS-PAGE analysis).

#### Mycoplasma

Not detected

### Background

#### Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

#### Innovation & Research Center

+886-2-27065528

#### CLD Center

+886-6-2536677

### Background

ICAM (Intercellular Adhesion Molecule) protein is a cell surface glycoprotein expressed on various cell types, including endothelial cells, leukocytes, and epithelial cells. It plays a key role in mediating cell-cell adhesion and facilitating leukocyte extravasation during inflammatory responses. ICAM interactions with integrin receptors on leukocytes are essential for immune cell recruitment to sites of inflammation and tissue injury. Moreover, ICAM expression is upregulated in response to inflammatory stimuli, contributing to the amplification of immune responses. Understanding ICAM's functions is crucial for elucidating mechanisms of immune regulation and developing targeted therapies for inflammatory diseases.

### Uniprot ID

NP\_034623.1

### Synonyms

MALA-2, MyD10, CD54

### Sequence Note

Met1-Asn485

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 0.2 mg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

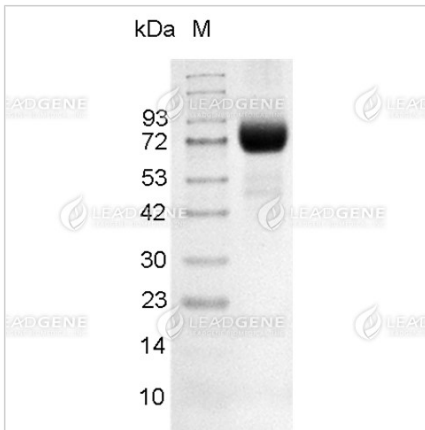
### Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Image



SDS-PAGE analysis of recombinant mouse ICAM.

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