

Recombinant Mouse Icam1 protein, His-tagged

Cat. No. Icam1-2778M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Icam1 aa. (Val46~Leu301 (Accession # P13597)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val46~Leu301
Description	This gene encodes an integral membrane protein that binds leukocyte adhesion protein LFA-1. It participates in the innate immune response.
Form	Freeze-dried powder
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

[Icam1](#) intercellular adhesion molecule 1 [[Mus musculus \(house mouse\)](#)]

Official Symbol

[Icam1](#)

Synonyms

CD54; Ly-47; Icam-1; MALA-2; myD10; intercellular adhesion molecule 1

Gene ID

[15894](#)

mRNA Refseq

[NM_010493.3](#)

Protein Refseq

[NP_034623.1](#)

UniProt ID

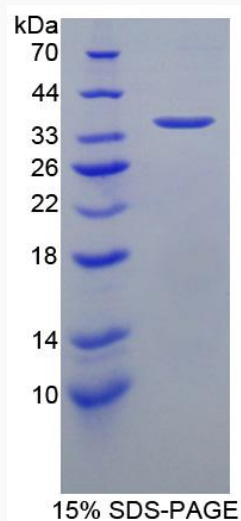
[P13597](#)

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SDS-PAGE



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