

Recombinant Rat Icam1 Protein, Fc-tagged

Cat. No. Icam1-1067R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Icam1 (NP_037099.1) (Met1-Thr493) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-493 a.a.
Predicted N Terminal	Gln 28
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Icam1 consists 699 amino acids and predicts a molecular mass of 77.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Icam1 intercellular adhesion molecule 1 \[Rattus norvegicus \]](#)

Official Symbol [Icam1](#)

Synonyms ICAM1; intercellular adhesion molecule 1; ICAM-1; CD54; ICAM;

Gene ID [25464](#)

mRNA Refseq [NM_012967](#)

Protein Refseq [NP_037099](#)

MIM

UniProt ID

Pathway Adaptive Immune System, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved

Function cell surface binding; integrin binding; integrin binding; protein complex binding;

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