

## Recombinant Mouse Intercellular Adhesion Molecule 2

Cat. No. Icam2-1746M Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Description</b>	Intercellular adhesion molecule 2 (ICAM2), also known as CD102 (Cluster of Differentiation 102), is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins that bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.
<b>Molecular Weight</b>	The predicted molecular weight of Recombinant Mouse ICAM-2 is Mr 49.5 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 75-80 kDa.
<b>State Of Matter</b>	Lyophilized.
<b>Purity</b>	>95% by SDS Page and analyzed by silver stain.
<b>Endotoxin</b>	<1.0 EU/g as determined by the LAL method.
<b>Storage And Stability</b>	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for

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one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage instructions.

## GENE INFORMATION

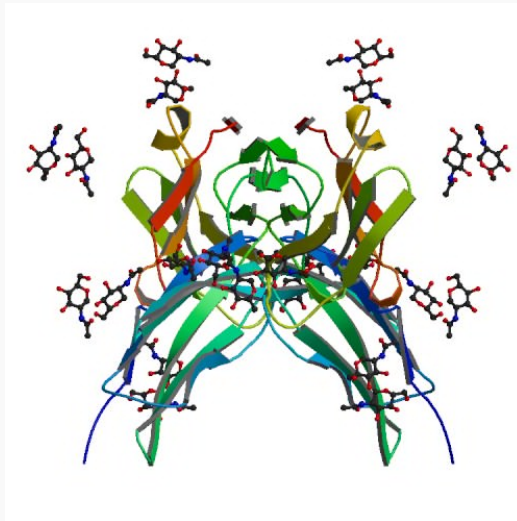
<b>Gene Name</b>	Icam2 intercellular adhesion molecule 2 [ Mus musculus ]
<b>Synonyms</b>	Icam2; intercellular adhesion molecule 2; CD102; Ly-60; Icam-2; OTTMUSP00000003460; OTTMUSP00000003463
<b>Gene ID</b>	15896
<b>mRNA Refseq</b>	NM_010494
<b>Protein Refseq</b>	NP_034624
<b>UniProt ID</b>	P35330
<b>Chromosome Location</b>	11 E1; 11 63.0 cM
<b>Pathway</b>	Cell adhesion molecules (CAMs); Natural killer cell mediated cytotoxicity
<b>Function</b>	protein binding


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