

Recombinant Mouse Intercellular Adhesion Molecule 2

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

SPECIFICATION

Product Overview

Species	Mouse
Source	Mammalian Cells
Description	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.
Molecular Weight	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.
State Of Matter	Lyophilized.
Purity	>95% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.

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Storage And Stability

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 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

Gene Name	Icam2 intercellular adhesion molecule 2 [Mus musculus]
Synonyms	Icam2; intercellular adhesion molecule 2; CD102; Ly-60; Icam-2; OTTMUSP000000003460; OTTMUSP000000003463
Gene ID	15896
mRNA Refseq	NM_010494
Protein Refseq	NP_034624
UniProt ID	P35330
Chromosome Location	11 E1; 11 63.0 cM
Pathway	Cell adhesion molecules (CAMs); Natural killer cell mediated cytotoxicity
Function	protein binding

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