

Specifications:

Gene:	<i>mIcam2</i>
Accession:	NP_034624
Insert size:	847bp
Concentration:	10µg at 0.2µg/µL

mICAM-2/CD102 cDNA Plasmid

Icam2 intercellular adhesion molecule 2 [*Mus musculus* (house mouse)]

Also known as: CD102; Ly-60; Icam-2

Summary:

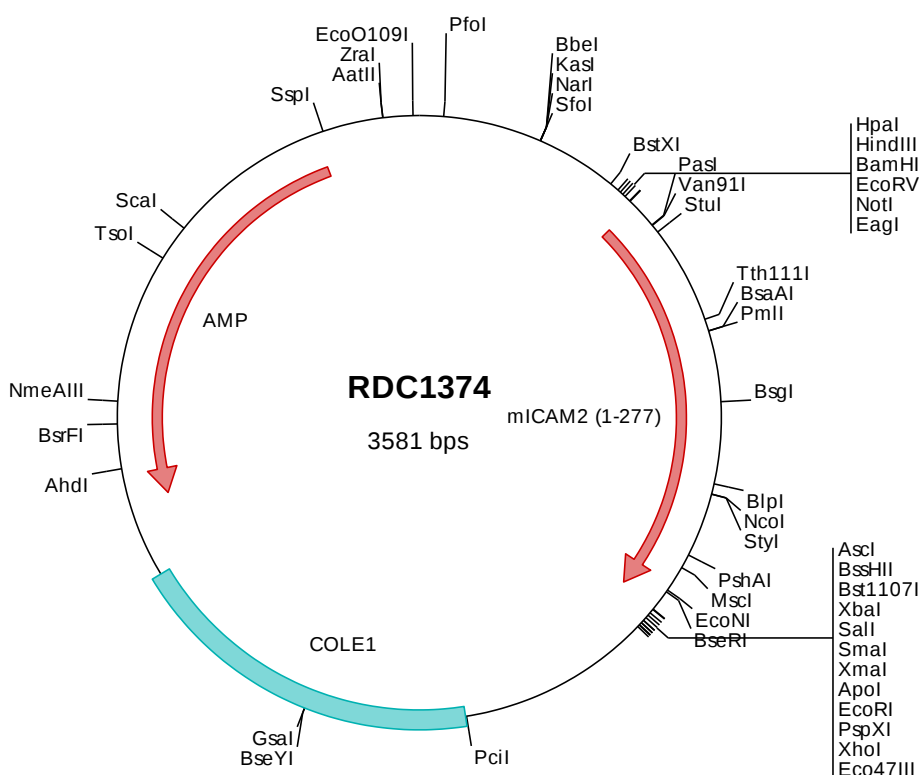
ICAM2 is a member of the intercellular adhesion molecule (ICAM) family. It binds to the leukocyte integrins LFA-1 (CD11a/CD18) and Mac-1 (CD11b/CD18). ICAM2 is constitutively expressed at high levels on vascular endothelial cells and lymphohematopoietic cells. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC1374 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccc
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> RDC1374 Translated Insert Sequence

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