

Specifications:

Gene:	mVcam1
Accession:	AAA40545
Insert size:	2233bp
Concentration:	10µg at 0.2µg/µL

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.

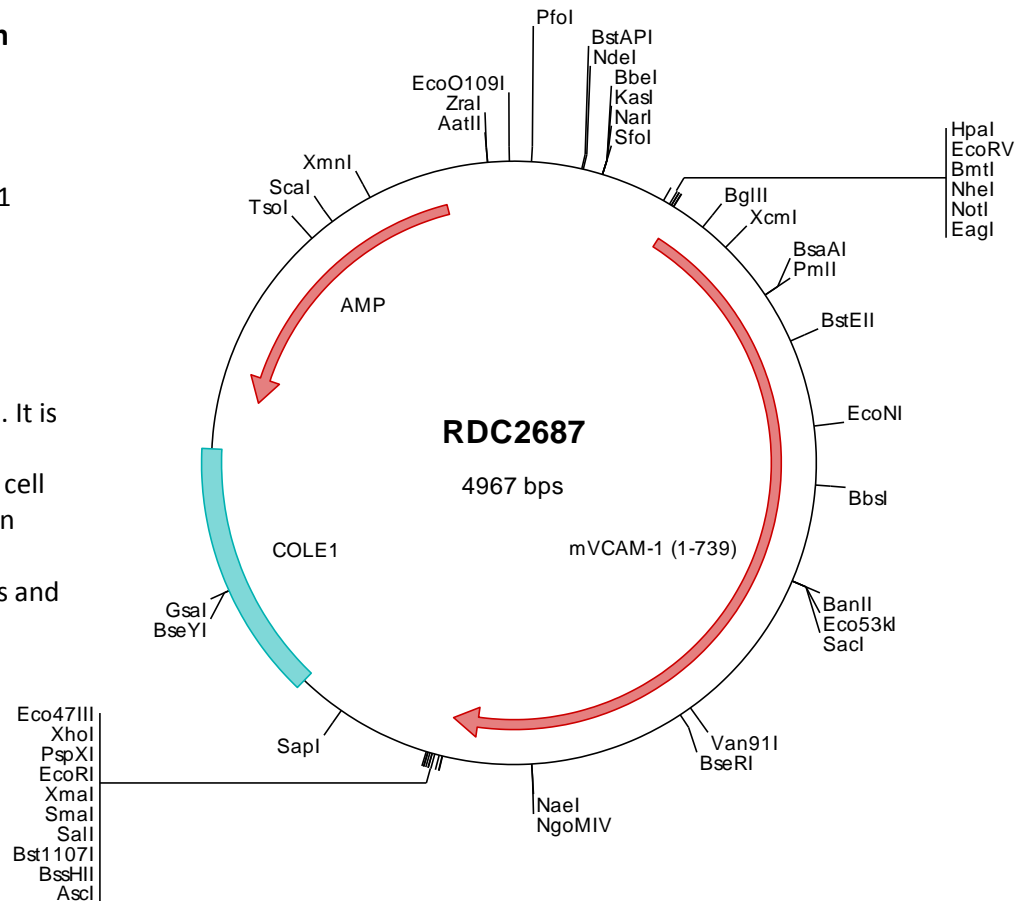
**mVCAM-1/CD106
cDNA Plasmid**

Vcam1 vascular cell adhesion molecule 1 [*Mus musculus* (house mouse)]

Also known as: CD106; Vcam-1

Summary:

VCAM1 is a member of the Ig superfamily and is a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. It is a type I membrane protein that mediates leukocyte-endothelial cell adhesion and signal transduction and may play a role in the development of atherosclerosis and rheumatoid arthritis.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2687 Plasmid DNA Sequence

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1 tcgcgcgctt cggatgatgac ggtgaaaacc totgacacat gcagctcccg gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
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> RDC2687 Translated Insert Sequence

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701 alycasslvi paigmivyfa rkanmkgys lveaqkskv

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