

Specifications:

Gene:	mCadm1
Accession:	NP_061240
Insert size:	1351bp
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.

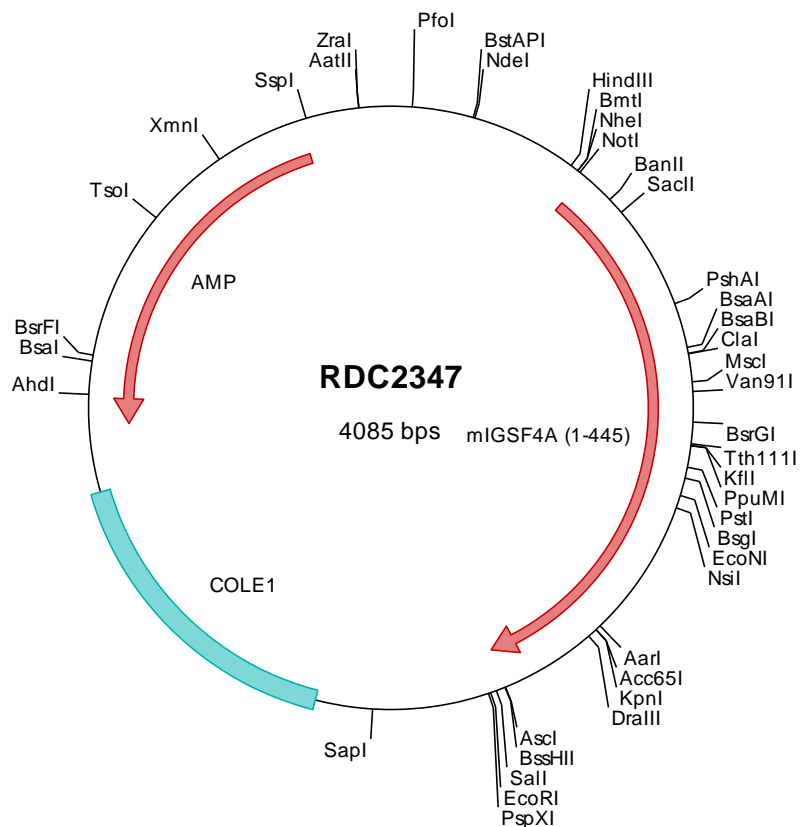
**mIGSF4A/SynCAM1
cDNA Plasmid**

Cadm1 cell adhesion molecule 1
[*Mus musculus* (house mouse)]

Also known as: BI2; ST17; Igsf4; Necl2; RA175; Tslc1; Igsf4a; RA175A; RA175B; RA175C; RA175N; SgIGSF; SynCam; AI987920; 2900073G06Rik; 3100001I08Rik

Summary:

IGSF4A is a member of the nectin family. It mediates calcium-independent adhesive interactions, either homophilic or heterophilic with CRTAM (class I-restricted T cell-associated molecule), Necl-1 (SynCAM3) or Nectin-3. IGSF4A acts as a tumor suppressor in non-small-cell lung cancer (NSCLC) cells. IGSF4A, together with MITF, is essential for development and survival of mast cells in vivo.



> RDC2347 Plasmid DNA Sequence

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1 tcgctcgcttt cggatgatgac ggtgaaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccggggagca gacaagcccg
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201 ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctcgcg aactgttggg aagggcgatc ggtgccccg tcttcgctat
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> RDC2347 Translated Insert Sequence

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