

Specifications:

Gene:	mF11r
Accession:	NP_766235
Insert size:	916bp
Concentration:	10µg at 0.2µg/µL

**mJAM-A cDNA
Plasmid**

F11r F11 receptor [*Mus musculus* (house mouse)]

Also known as: JAM; Jcam; JAM-1; JAM-A; Jcam1; Ly106; ESTM33; AA638916; 9130004G24

Summary:

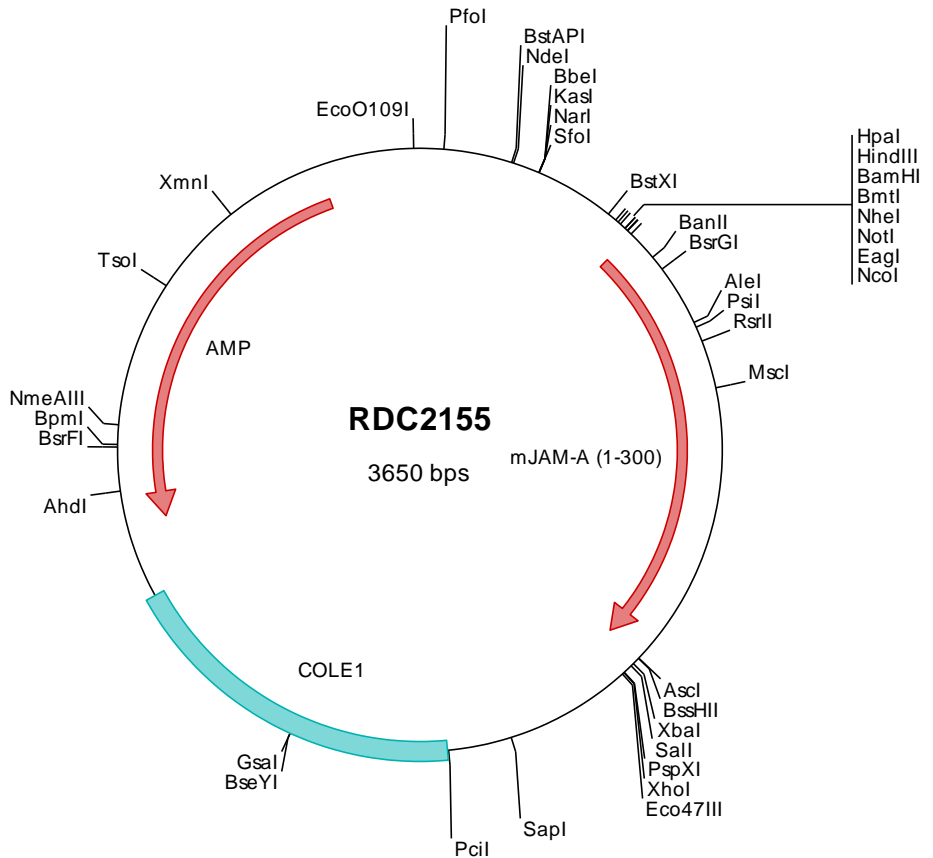
JAM-A belongs to the immunoglobulin superfamily and the junctional adhesion molecular (JAM) family. JAM-A is a transmembrane receptor that is predominantly expressed at intercellular junctions of both epithelial and endothelial cells. JAM-A exhibits homophilic interactions to regulate tight junction assembly and modulate paracellular permeability. This homophilic interaction also mediates platelet aggregation and adhesion to endothelial cells and may play a role in thrombosis. JAM-A is also a ligand for the integrin LFA1, involved in leukocyte transmigration, and a receptor for reovirus.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2155 Plasmid DNA Sequence

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> RDC2155 Translated Insert Sequence

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