

Specifications:

Gene:	<i>mEsam</i>
Accession:	NP_081378
Insert size:	1198bp
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.

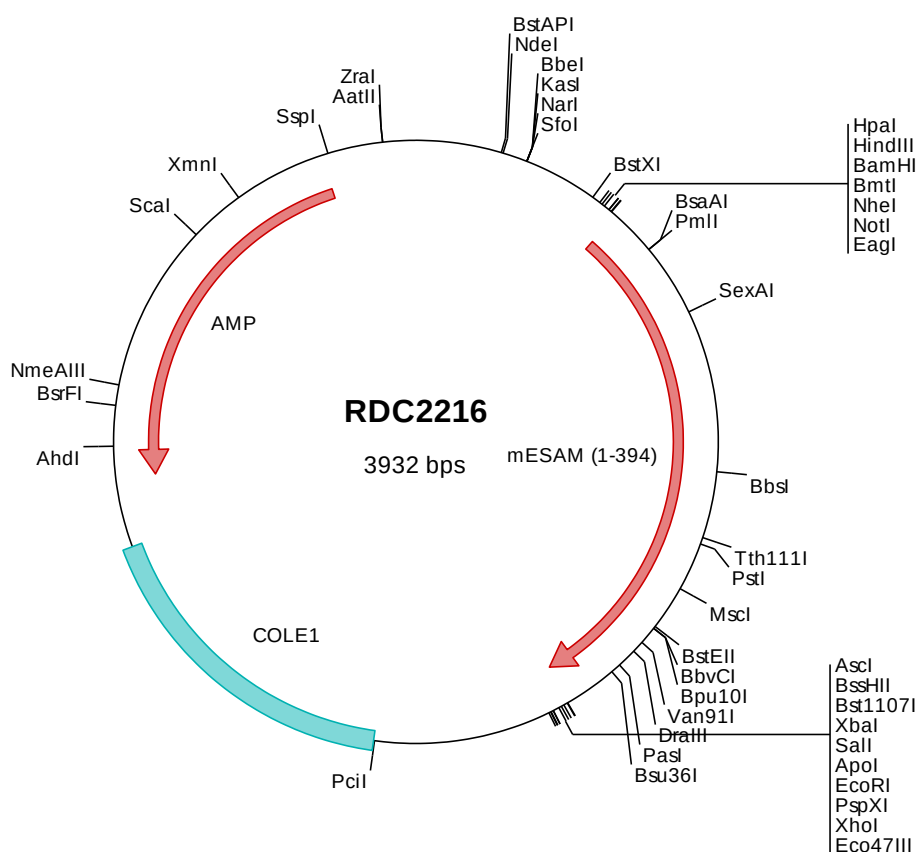
**mESAM cDNA
Plasmid**

Esam endothelial cell-specific adhesion molecule [*Mus musculus* (house mouse)]

Also known as: Esam1; W117m; 2310008D05Rik

Summary:

ESAM is a type I transmembrane glycoprotein that belongs to the JAM family of immunoglobulin superfamily molecules. ESAM is expressed on endothelial cells, activated platelets and megakaryocytes, and can be found associated with cell-to-cell junctions. ESAM may mediate aggregation most likely through a homophilic molecular interaction.



> RDC2216 Plasmid DNA Sequence

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> RDC2216 Translated Insert Sequence

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