

Specifications:

Gene:	mClmp
Accession:	NP_598494
Insert size:	1135bp
Concentration:	10µg at 0.2µg/µL

**mASAM cDNA
Plasmid**

Clmp CXADR-like membrane protein [*Mus musculus* (house mouse)]

Also known as: ACAM; ASP5;
AW557819; 9030425E11Rik

Summary:

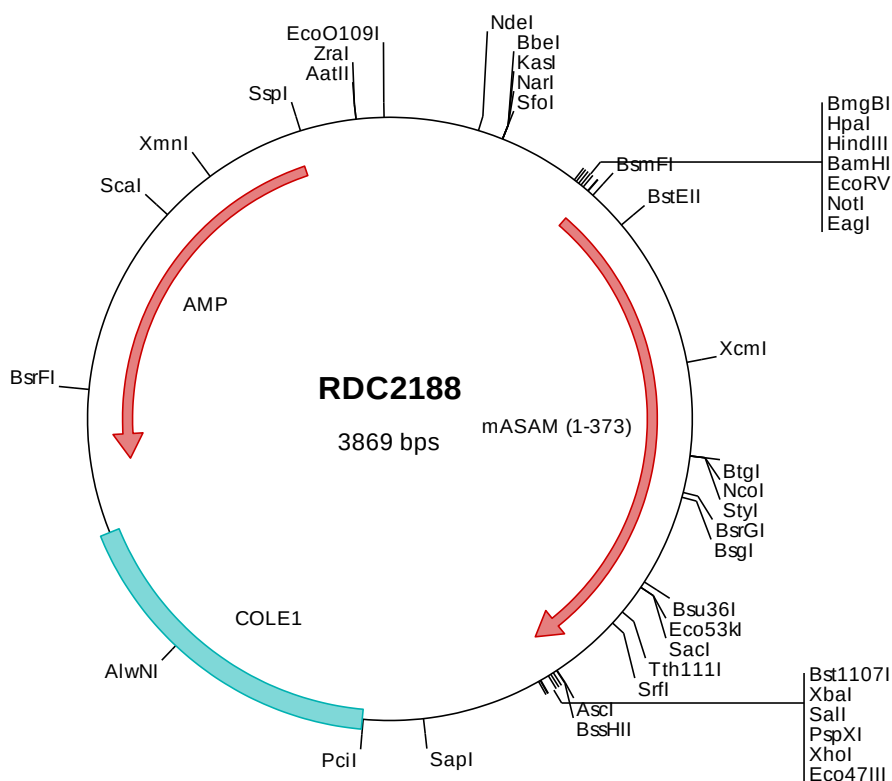
ASAM is a type I transmembrane protein that is localized to junctional complexes between endothelial and epithelial cells and may have a role in cell-cell adhesion. Expression of ASAM in white adipose tissue is implicated in adipocyte maturation and development of obesity. It is also essential for normal intestinal development and mutations in ASAM are associated with congenital short bowel syndrome.

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.



> RDC2188 Plasmid DNA Sequence

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> RDC2188 Translated Insert Sequence

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