

Specifications:

Gene:	<i>mVasn</i>
Accession:	BAB28075
Insert size:	2035bp
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.

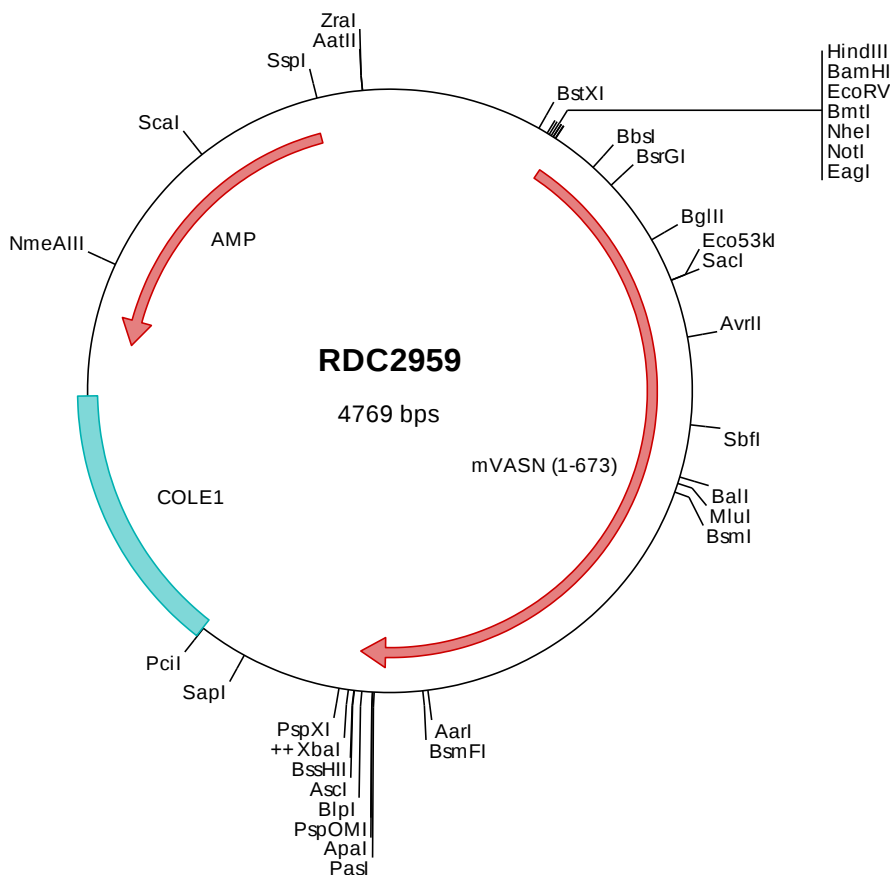
mVasorin/Slit-like 2 cDNA Plasmid

Vasn vasorin [*Mus musculus*
(house mouse)]

Also known as: Atia; Slitl2;
2610528G05Rik

Summary:

VASN is a type I membrane protein that is predominantly expressed in vascular smooth muscle cells in a developmentally regulated pattern. Expression is downregulated during vessel repair after arterial injury. VASN directly binds to transforming growth factor (TGF)-beta and attenuates TGF-beta signaling *in vitro*.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2959 Plasmid DNA Sequence

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> RDC2959 Translated Insert Sequence

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