

Specifications:

Gene:	mVash1
Accession:	NP_796328
Insert size:	1141bp
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.

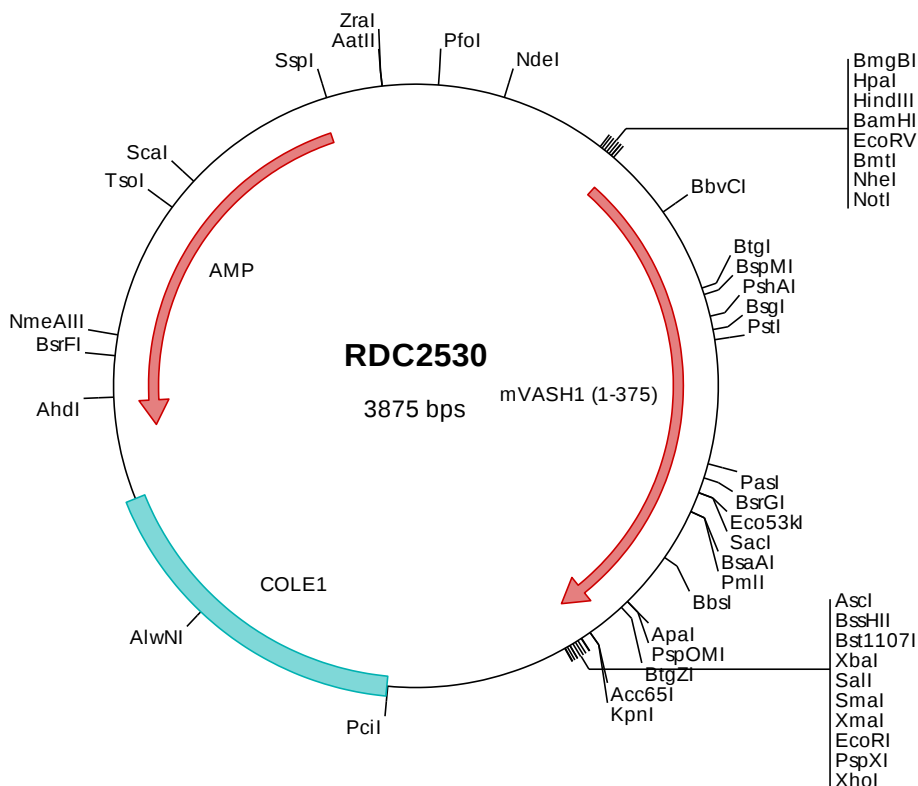
mVasohibin cDNA Plasmid

Vash1 vasohibin 1 [*Mus musculus* (house mouse)]

Also known as: A1834978;
D930046M13Rik; G630009D10Rik

Summary:

VASH1 is a member of the vasohibin family. It inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis. This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts. Its expression is upregulated by VEGF and FGF-2, but this can be modulated by IL-1, TNF- alpha, or IFN- gamma.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2530 Plasmid DNA Sequence

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1  tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2530 Translated Insert Sequence

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