

Specifications:

Gene:	<i>h</i> VASH1
Accession:	NP_055724
Insert size:	1110bp
Concentration:	10µg at 0.2µg/µL

*h*Vasohibin cDNA Plasmid

VASH1 vasohibin 1 [*Homo sapiens* (human)]

Also known as: KIAA1036

Summary:

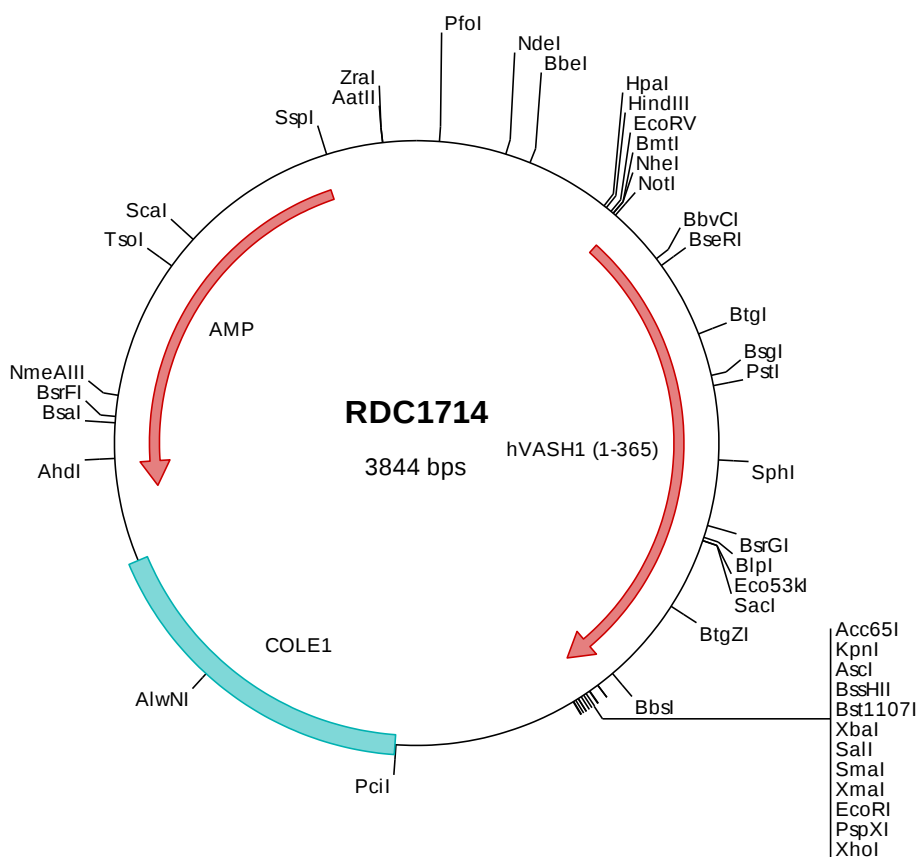
VASH1 is a member of the vasohibin family. It inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis. This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts. Its expression is upregulated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

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.



> RDC1714 Plasmid DNA Sequence

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> RDC1714 Translated Insert Sequence

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