

Specifications:

Gene:	mFlt1
Accession:	NP_034358
Insert size:	4015bp
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.

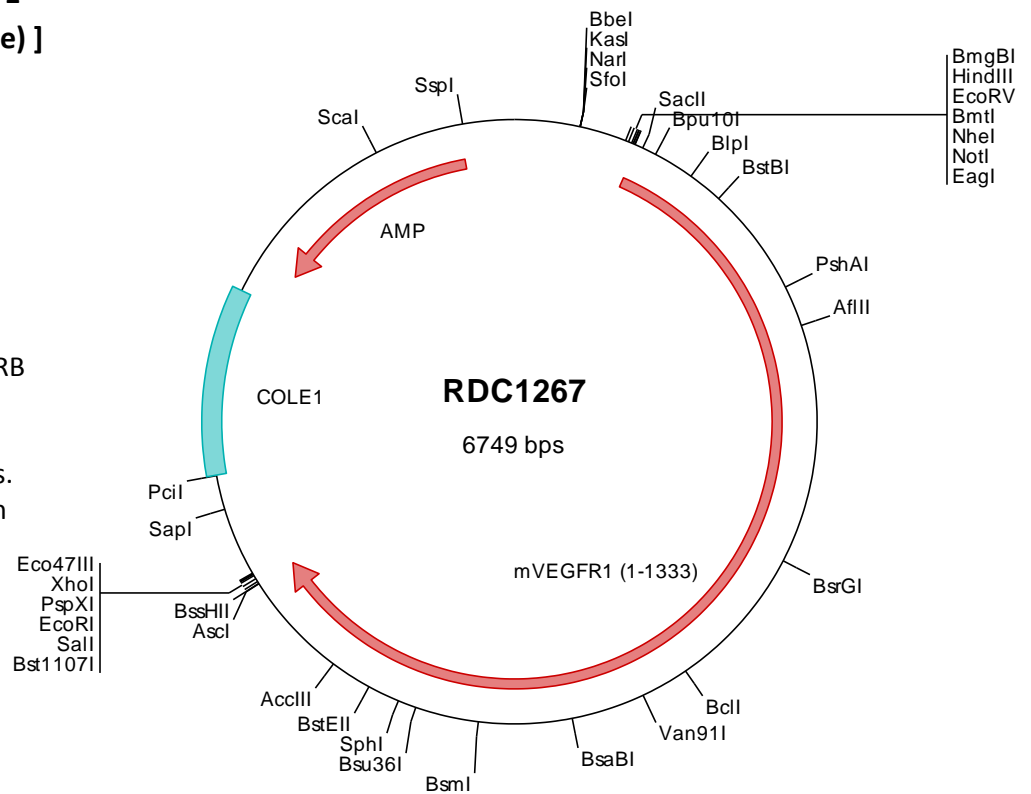
mVEGFR1/Flt-1 cDNA Plasmid

Flt1 FMS-like tyrosine kinase 1
[*Mus musculus* (house mouse)]

Also known as: Flt-1; sFlt1;
VEGFR1; VEGFR-1; AI323757

Summary:

VEGFR1 is a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR1 binds to VEGFA, VEGFRB and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of VEGFR1 is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. VEGFR1 is up regulated during hypoxia, and participates in neovascularization and wound healing. Circulating levels of VEGFR1 increase during pregnancy and are further elevated in preeclampsia.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC1267 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tctgacacat gcaagctccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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301 taacgacgct ggcgaaaggg ggatgtgctg caaggcgatt aagtgggta acgcccgggt ttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC1267 Translated Insert Sequence

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