

### Specifications:

Gene:	<i>hFLT4</i>
Accession:	NP_891555
Insert size:	4105bp
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.

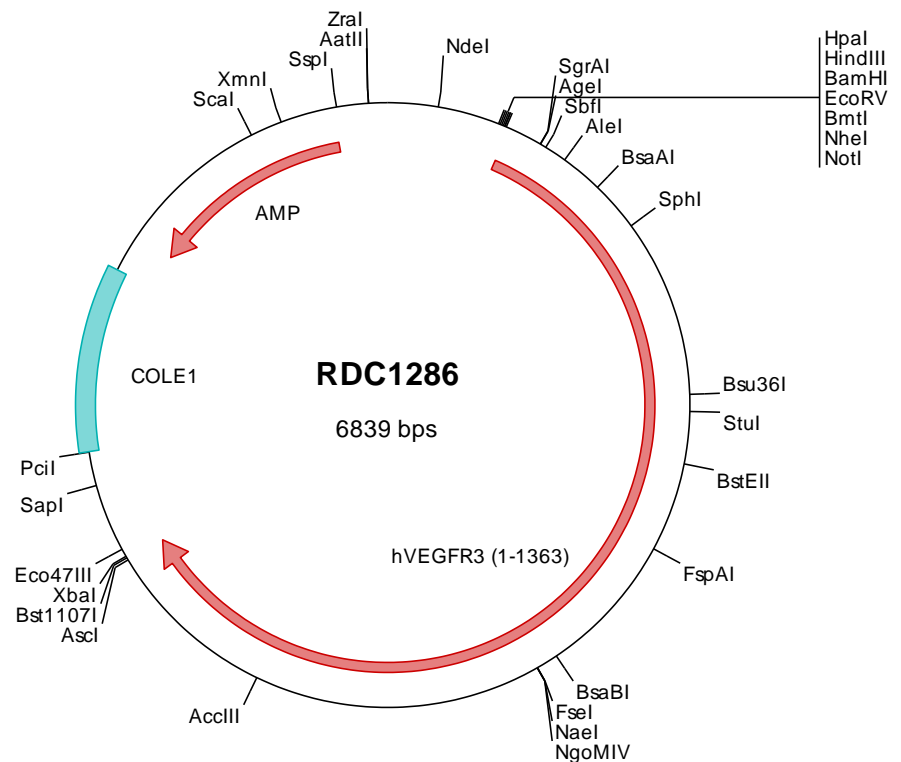
## hVEGF R3/Flt-4 cDNA Plasmid

**FLT4** *fms*-related tyrosine kinase 4 [ *Homo sapiens* (human) ]

**Also known as:** PCL; FLT41; LMPH1A; VEGFR3

### Summary:

VEGF R3 belongs to the class III subfamily of receptor tyrosine kinases. VEGF C and VEGF D bind and activate VEGF R3. VEGF R3 is widely expressed in the early embryo but becomes restricted to lymphatic endothelia at later stages of development. VEGF R3 may be important for lymph angiogenesis and maintenance of the lymphatic endothelium. Mutations in VEGF R3 cause hereditary lymphedema type IA. Alternatively spliced transcripts encoding different proteins have been described.





> RDC1286 Plasmid DNA Sequence

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## > RDC1286 Translated Insert Sequence

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