

Specifications:

Gene:	mKit
Accession:	NP_001116205
Insert size:	2953bp
Concentration:	10µg at 0.2µg/µL

**mCD117/c-kit cDNA
Plasmid**

Kit KIT proto-oncogene receptor tyrosine kinase [*Mus musculus* (house mouse)]

Also known as: W; Bs; Fdc; Ssm; SCO1; SCO5; SOW3; CD117; c-KIT; Tr-kit; Gsfsc01; Gsfsc05; Gsfscow3

Summary:

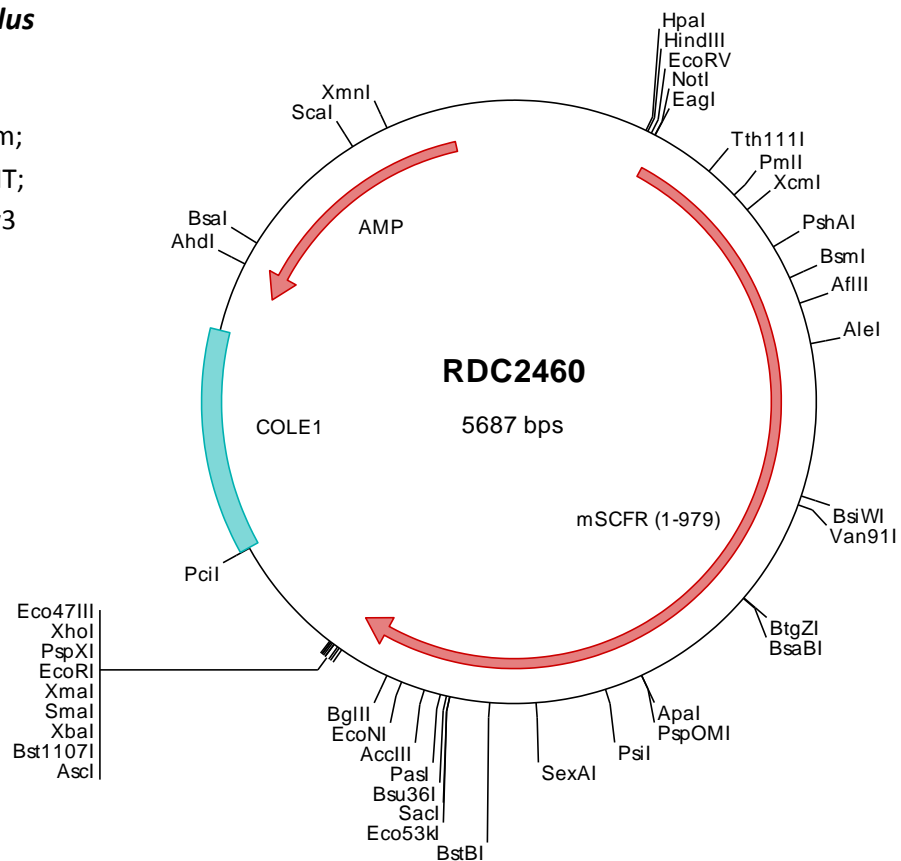
SCFR is a transmembrane tyrosine kinase that plays an essential role in gametogenesis, melanogenesis and hematopoiesis. It is a receptor for MGF (mast cell growth factor, also known as stem cell factor). SCFR is expressed on endothelial cells, mast cells, megakaryocytes, stem cells and multiple embryonic cells, such as melanoblasts and primordial germ cells.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2460 Plasmid DNA Sequence

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> RDC2460 Translated Insert Sequence

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