

Specifications:

Gene:	<i>hMERTK</i>
Accession:	NP_006334
Insert size:	3013bp
Concentration:	10µg at 0.2µg/µL

hMer cDNA Plasmid

**MERTK MER proto-oncogene,
tyrosine kinase [*Homo sapiens*
(human)]**

Also known as: MER; RP38; c-Eyk;
c-mer; Tyro12

Summary:

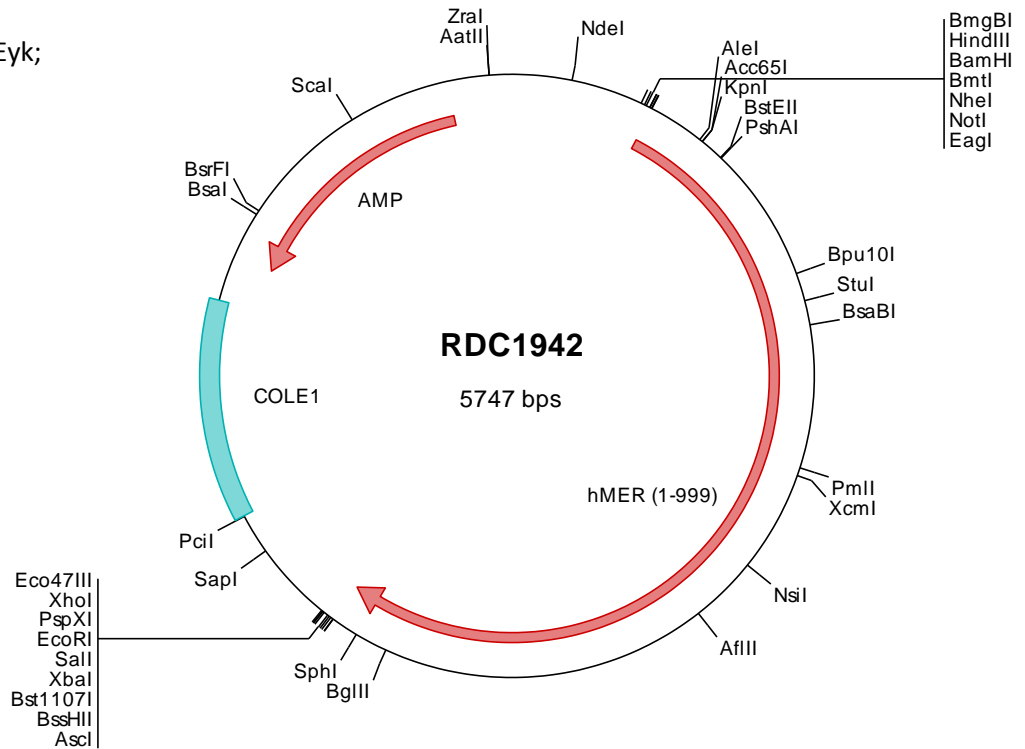
Mer is a member of the MER/AXL/TYRO3 receptor kinase family. It is a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in Mer have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

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



> RDC1942 Plasmid DNA Sequence

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> RDC1942 Translated Insert Sequence

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