

Specifications:

Gene:	<i>hCSF1R</i>
Accession:	NP_005202
Insert size:	2932bp
Concentration:	10µg at 0.2µg/µL

hM-CSF R/CD115 cDNA Plasmid

**CSF1R colony stimulating factor 1
receptor [*Homo sapiens* (human)]**

Also known as: FMS; CSFR; FIM2;
HDLS; C-FMS; CD115; CSF-1R; M-CSF-
R

Summary:

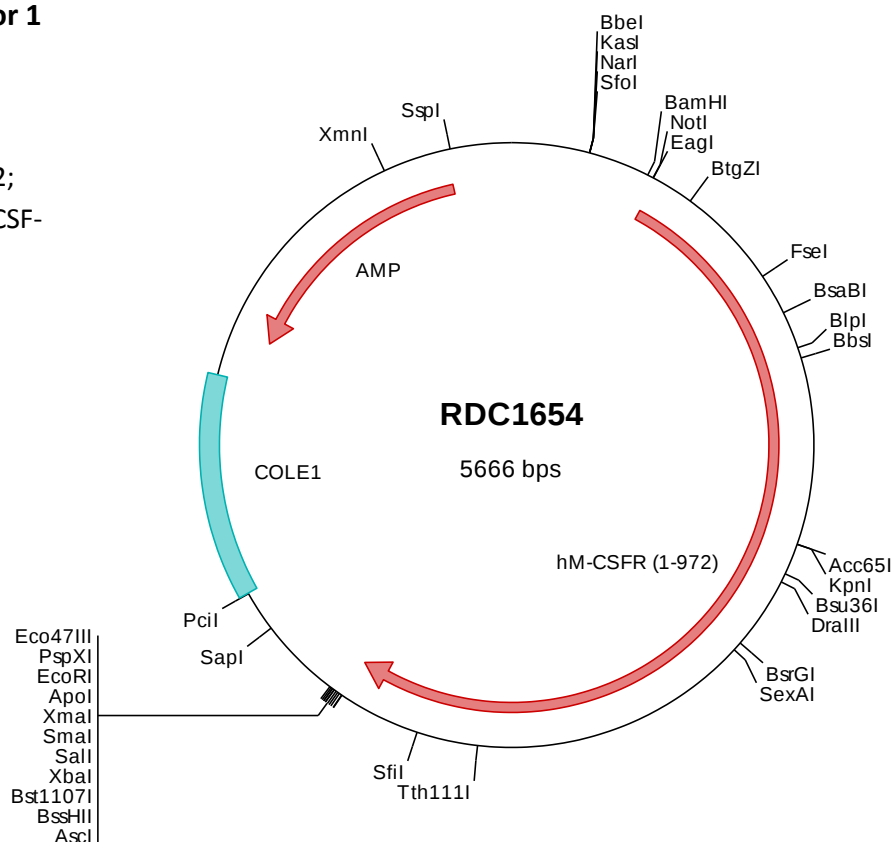
M-CSFR is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. M-CSFR is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. It mediates most if not all of the biological effects of this cytokine. Ligand binding activates M-CSFR through a process of oligomerization and transphosphorylation. Alternatively spliced transcripts encoding different proteins have been described.

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

> RDC1654 Plasmid DNA Sequence

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