

Specifications:

Gene:	<i>hROS1</i>
Accession:	NP_002935.2
Insert size:	7057bp
Concentration:	10µg at 0.2µg/µL

hROS1 cDNA Plasmid

ROS1 ROS proto-oncogene 1, receptor tyrosine kinase [*Homo sapiens* (human)]

Also known as: ROS; MCF3; c-ros-1

Summary:

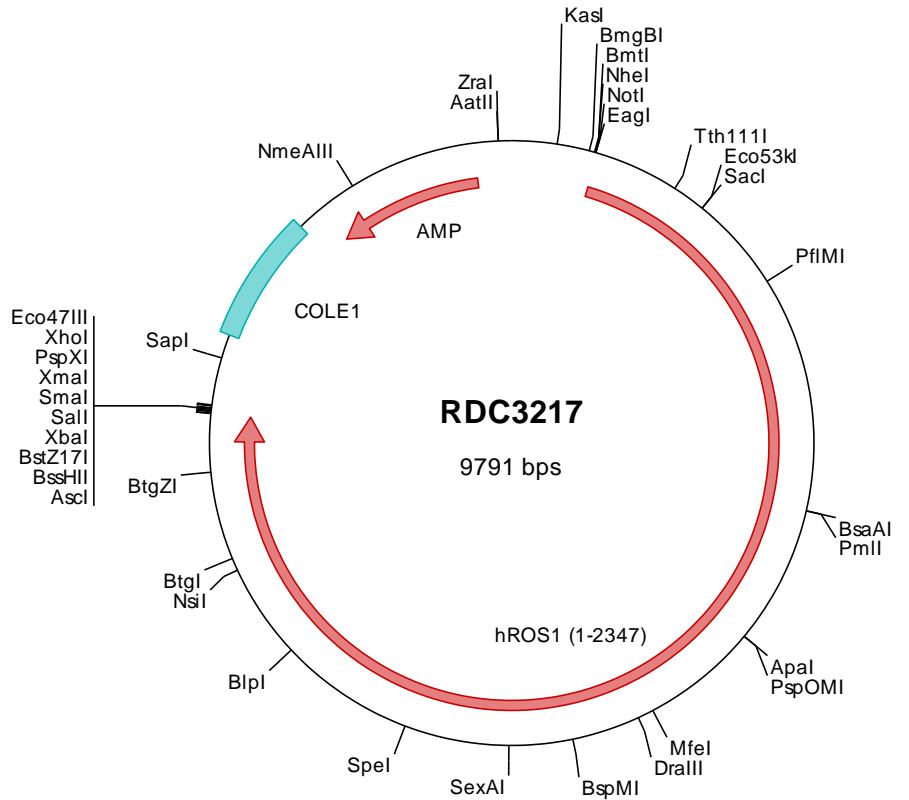
ROS1 belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. It is a type I integral membrane protein with tyrosine kinase activity. ROS1 is a proto-oncogene that is highly expressed in a variety of tumor cells lines. It may function as a growth or differentiation factor receptor.

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.



> RDC3217 Plasmid DNA Sequence

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> RDC3217 Translated Insert Sequence

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