

Specifications:

Gene:	rPVR
Accession:	NP_058772
Insert size:	1252bp
Concentration:	10µg at 0.2µg/µL

**rCD155/PVR cDNA
Plasmid**

PVR poliovirus receptor [*Rattus norvegicus* (Norway rat)]

Also known as: Taa1; Tage4

Summary:

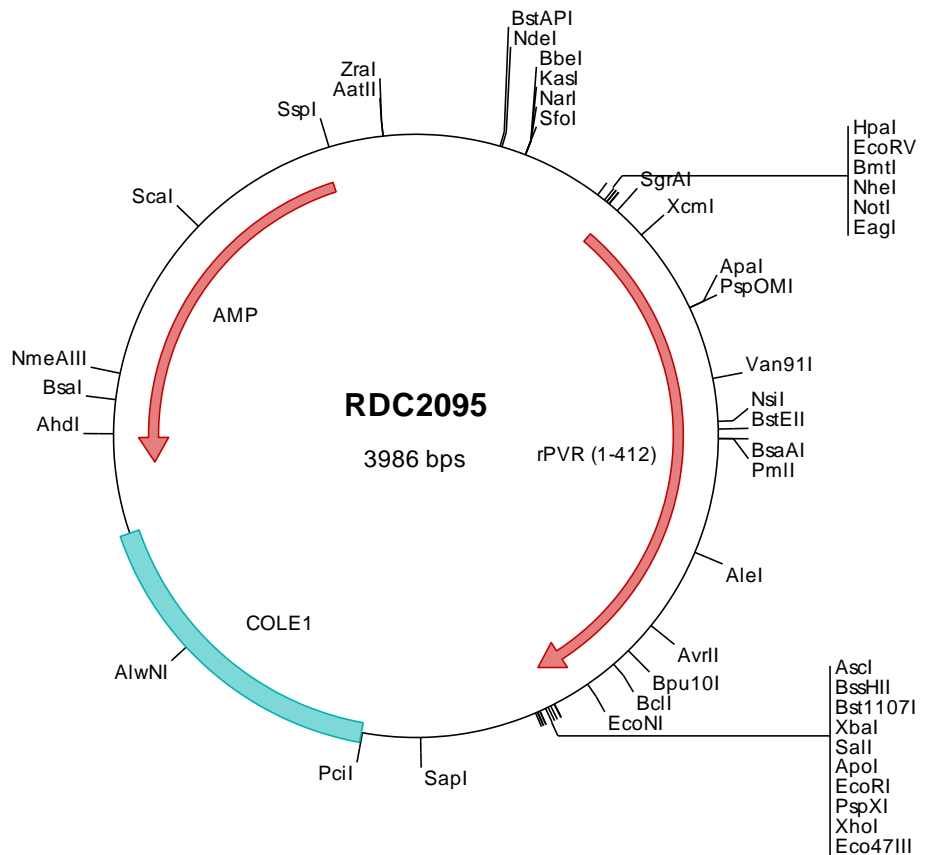
PVR is a type I transmembrane glycoprotein that belongs to the nectin related family of adhesion proteins within the immunoglobulin superfamily. It serves as a cellular receptor for poliovirus in the first step of poliovirus replication. PVR binds other molecules including vitronectin, Nectin 3, DNAM 1/CD226, CD96, and TIGIT, but does not bind homotypically. It is upregulated on endothelia by IFN-γ, and is highly expressed on immature thymocytes, lymph node dendritic cells, and tumor cells of epithelial and neuronal origin.

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

> RDC2095 Plasmid DNA Sequence

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> RDC2095 Translated Insert Sequence

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