

**Specifications:**

Gene:	mPvr
Accession:	NP_081790
Insert size:	1240bp
Concentration:	10µg at 0.2µg/µL

**mCD155/PVR cDNA  
Plasmid**

**Pvr poliovirus receptor [ *Mus musculus* (house mouse) ]**

**Also known as:** PVS; mE4; HVED; Taa1; CD155; Tage4; necl-5; D7Ert458e; 3830421F03Rik

**Summary:**

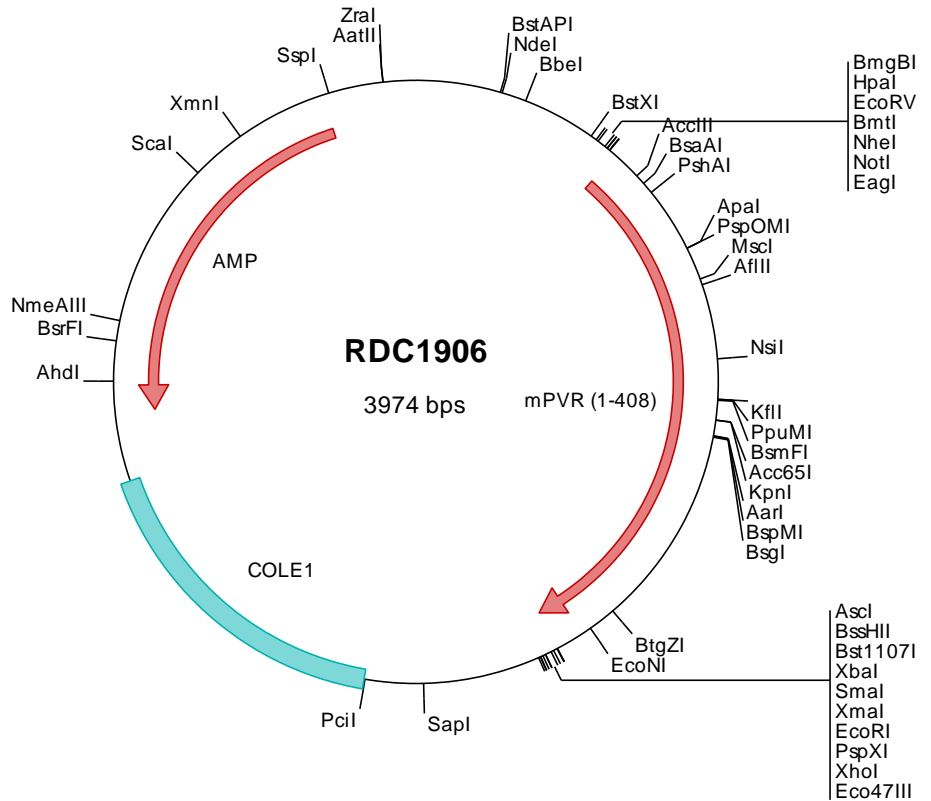
PVR is a type I transmembrane glycoprotein that belongs to the nectin related family of adhesion proteins within the immunoglobulin superfamily. It serves as a cellular receptor for poliovirus in the first step of poliovirus replication. PVR binds other molecules including vitronectin, Nectin 3, DNAM 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

> RDC1906 Plasmid DNA Sequence

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> RDC1906 Translated Insert Sequence

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