



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Rhesus Macaque CD4 Expression Vector (pc.Rh-CD4)

**Catalog Number:** 3600

**Lot Number:** 99040

**Release Category:** D

**Provided:** 1 mL transformed TOP-10 bacteria (glycerol stock).

**Cloning Site:** The insert is cloned into the CMV promoter driven expression vector pcDNA1/Amp as a BamHI-XhoI 1.4 kb fragment.

**Cloning Vector:** pcDNA1/Amp, 4.8 kb.

**Description:** This expression vector produces rhesus CD4

**Special Characteristics:** Expressed CD4 can be detected by FACS analysis.  
Other available clones in this set: [pcRh-CXCR4 \(Cat #3601\)](#), [pcRh-CCR5 \(Cat #3602\)](#)  
The GenBank accession number for Rh-CCR5 is U73739; the GenBank accession number for Rh-CXCR4 is U73740.

**Recommended Storage:** -70°C.

**Contributor:** Dr. Preston Marx.

**References:** Chen Z, Zhou P, Ho DD, Landau NR, Marx PA. Genetically divergent strains of simian immunodeficiency virus use CCR5 as a coreceptor for entry. *J Virol* **71**:2705-2714, 1997.

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ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: (specify clone) from Dr. Preston Marx." Also include the reference cited above in any publications.

**Research Chart:**

Clone	Cat. No.	Lot No.	Description
pc.Rh-CD4	3600	4 99040	Rhesus CD4 is cloned into pcDNA-I amp as a BamHI-XhoI fragment.
pc.Rh-CXCR4	3601	3 97100 4 99041	Rhesus CXCR4 is cloned into pcDNA-I amp as an EcoRI-XhoI fragment.
pc.Rh-CCR5	3602	4 99042	Rhesus CCR5 is cloned into pcDNA-I amp as a BamHI-XhoI fragment.

**Last Updated:**

October 09, 2018

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