



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Rhesus Macaque CCR5 Expression Vector (pc.Rh-CCR5)

Catalog Number: 3602

Lot Number: 170060

Release Category: D

Provided: 5 µg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Site: BamHI/XhoI cloning site
The size of the insert is approximately 1100 bp.

Cloning Vector: pcDNA1
Ampicillin resistant

Description: An expression vector which produces rhesus CCR5 protein.

Special Characteristics: This construct is 5864 bp including the insert.
This plasmid expresses CCR5 derived from rhesus macaque. The expressed CCR5 can be detected by FACS analysis.
Other available clones in this set: pcRh-CD4 (Cat# 3600), pcRh-CXCR4 (Cat# 3601)
GenBank Accession Number: [U73739](#)
[Sequence file lot 170060](#)
This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.

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.

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. Preston Marx

References: Z. Chen, P. Zhou, D. D. Ho, N. R. Landau and P. A. Marx. (1997). Genetically divergent strains of simian immunodeficiency virus use CCR5 as a coreceptor for entry. *J Virol*, 71(4), 2705-14. [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Rhesus Macaque CCR5 Expression Vector (pc.Rh-CCR5) from Dr. Preston Marx (cat# 3602)." 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: March 26, 2020

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