



## NIH AIDS Reagent Program

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### DATA SHEET

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

**Catalog Number:** 3599

**Lot Number:** 180226

**Release Category:** D

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *Plus*

**Cloning Site:** BamHI/SalI cloning site  
The size of the insert is approximately 1059 bp.

**Cloning Vector:** pBABE-puro  
Ampicillin

**Description:** An expression vector which produces rhesus CCR5 protein.

**Special Characteristics:** This construct is 6165 bp including the insert.  
This plasmid expresses CCR5 derived from RNA by PCR amplification. Rhesus CCR5 was cloned into pBABE-puro's BamHI/SalI sites as a BamHI/XhoI fragment.  
GenBank Accession Number: [U73739](#)  
[Sequence file lot 180226](#)  
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.  
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](#)

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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.

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

**Contributor:** Dr. Preston Marx

**References:** Chen, Z., Zhou, P., Ho, D. D., Landau, N. R. and Marx, P. A. (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 (pBABE.Rh-CCR5) from Dr. Preston Marx (cat# 3599)." Also include the reference cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Rockefeller University Office of Technology Transfer at the following email address: [mta@rockefeller.edu](mailto:mta@rockefeller.edu), before the reagent can be released.**

**Last Updated:** March 26, 2020

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