



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Rhesus Macaque CXCR4 Expression Vector (pc.Rh-CXCR4)

Catalog Number: 3601

Lot Number: 190015

Release Category: D

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

Cloning Site: EcoRI/XhoI cloning site
The size of the insert is 1124 bp.

Cloning Vector: pcDNA1/Amp
Ampicillin resistant

Description: An expression vector which produces rhesus macaque CXCR4 protein.

Special Characteristics: This construct is 5897 bp including the insert.
This plasmid expresses CXCR4 derived from rhesus macaque. The expressed CXCR4 can be detected by FACS analysis.
Other available clones in this set: [Rhesus Macaque CXCR4 Expression Vector \(pc.Rh-CXCR4\) \(Cat #3600\)](#), [Rhesus Macaque CCR5 Expression Vector \(pc.Rh-CCR5\) \(Cat #3602\)](#)
GenBank Accession Number: [U73740](#)
[Sequence file lot 190015](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
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

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.

reconstitution of dried DNA reagents. [Dried DNA Notice](#)

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 CXCR4 Expression Vector (pc.Rh-CXCR4) from Dr. Preston Marx (cat# 3601)." 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, before the reagent can be released.

Last Updated:

March 26, 2020

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