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DATA SHEET

Reagent:	Rhesus Macaque CXCR4 Expression Vector (pc.Rh-CXCR4)
Catalog Number:	3601
Lot Number:	99041
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 pcDNAI/Amp as a 1.1 kb EcoRI-XhoI fragment.
Cloning Vector:	pcDNAI/Amp, 4.8 kb.
Description:	This expression vector produces rhesus CXCR4.
Special Characteristics:	Expressed CXCR4 can be detected by FACS analysis. Other available clones in this set: pcRh-CD4 (Cat #3600), 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.

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.

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