



NIH AIDS Reagent Program

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DATA SHEET

Reagent: pcDNA6.cLT206.V5(2B4) [formerly pcDNA6.MCV206.cLTag]

Catalog Number: 11932

Lot Number: 100281

Release Category: E

Provided: 5.5 µg of dried purified DNA stabilized in DNASTable *Plus*

Cloning Vector: pcDNA6/V5-HisB(Ampicillin resistant)

Cloning Site: KpnI and XhoI

Host Strain: Top10

Description: Encodes wild-type cDNA of the Merkel cell polyomavirus (MCV) large T and 57kT antigens derived from a human appendix case (#206). Both large T antigen and 57kT antigen are fused C-terminally to V5 and His tags.

Special Characteristics: This construct is 7583 bp including the insert.
Useful as a positive control for screening MCV and for expressing wild-type large T and 57kT antigens in eukaryotic cells. This construct does not express the small T antigen.
[Donor Provided Plasmid Map](#)
[Sequence file lot 100281](#)
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](#)

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

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.

Contributor: Dr. Patrick Moore

References: Feng H, Shuda M, Chang Y, Moore PS. Clonal integration of a polyomavirus in human Merkel cell carcinoma. *Science*, 2008 Feb 22; **319**(5866):1096-100.

Shuda M, Arora R, Kwun HJ, Feng H, Sarid R, Fernandez-Figueras MT, Tolstov Y, Gjoerup O, Mansukhani MM, Swerdlow SH, Chaudhary PM, Kirkwood JM, Nalesnik MA, Kant JA, Weiss LM, Moore PS, Chang Y. Human Merkel cell polyomavirus infection I. MCV T antigen expression in Merkel cell carcinoma, lymphoid tissues and lymphoid tumors. *Int J Cancer*. 2009 Sep 15; **125**(6):1243-9.

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. Patrick Moore." Also include the references cited above in any publications.

Last Updated: December 19, 2018

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