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DATA SHEET

Reagent:	pcDNA3.MCV339 (144-3696)
Catalog Number:	11930
Lot Number:	3 100166
Release Category:	E
Provided:	10 µg of dried purified DNA stabilized in DNAstable *Plus*
Cloning Vector:	pcDNA3.1(+)/Zeo (Ampicillin resistant)
Cloning Site:	KpnI and XhoI
Description:	Encodes the Merkel Cell Polyomavirus (MCV) genomic region from a Merkel cell carcinoma (MCC339). Includes genomic region of the large T antigen. The PCR product was amplified with primers [GGGGTACCCAGCTCATTTGCTCCTCTGCTGTTTCT and CCGCTCGAGCGGTGGGTCTATTCAGACAGGCTCT] digested with KpnI and XhoI, and cloned into pcDNA3.1. There is an 189bp of deletion (MCV 1994-2182) in comparison with wild-type of T antigen sequences.
Special Characteristics:	Useful as a positive control for screening MCV and for expressing tumor-derived LT, 57kT and small T antigen isoforms in eukaryotic cells. Plasmid Map 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.
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.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pcDNA3.MCV339 (144-3696) from Dr. Patrick Moore." Also include the references cited above in any publications.

Last Updated: November 14, 2017