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DATA SHEET

Reagent:	SIVmac251 BK28 Infectious Molecular Clone (pBK28-SIV)
Catalog Number:	133
Lot Number:	180256
Release Category:	D
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Vector:	pUC18 Ampicillin resistant
Cloning Site:	EcoRI/Blunt end cloned The size of the insert is approximately 10249 bp.
GenBank:	Y00269, X06393
Host Strain:	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.
Description:	A full length replication competent, infectious SIVmac251 BK28 molecular clone.
Special Characteristics:	This construct is approximately 12935 bp including the insert. The source of this molecular clone is provirus derived from PK289 cells. These cells were historically believed to contain HTLV-4, but are now understood to be derived from SIVmac251 from the New England Regional Primate Center. Contributor provided 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. James I. Mullins
References:	Kornfeld, H., Riedel, N., Viglianti, G. A., Hirsch, V. and Mullins, J. I. (1987). Cloning of HTLV-4 and its relation to simian and human immunodeficiency viruses. Nature, 326(6113), 610-3. doi:10.1038/326610a0 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac251 BK28 Infectious Molecular Clone (pBK28-SIV) from Dr. James Mullins (cat# 133)." 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 University of Washington at the following email address: uwcomotion@uw.edu, before the reagent can be released.**
Last Updated:	November 13, 2019