



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Human APOBEC2 V5 His Expression Vector
Catalog Number:	10104
Lot Number:	040910
Release Category:	A
Provided:	2 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Site:	TOPO TA cloned (Invitrogen Corp) The size of the insert is 672 bp.
Cloning Vector:	pcDNA3.1D/V5-His-Topo Ampicillin and kanamycin resistant
Description:	The cloning insert was obtained from Open Biosystems (Huntsville, AL). Insert for human APOBEC2 was cloned into mammalian expression vector pcDNA3 with a V5 epitope tag from SV5 paramyxovirus and a polyhistidine epitope at the C terminus. Plasmid DNA was transfected into 293T cells and expression of human APOBEC2 was detected with with a monoclonal anti-V5 antibody. Expression of human APOBEC2 is driven by the CMV promoter.
Special Characteristics:	This construct is 6185 bp including the insert. Plasmid map and sequence file lot 040910 Alternate names: pcDNA3.1-APOBEC2-V5-6xHis This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i> . 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: Drs. B. Matija Peterlin and Yong-Hui Zheng

References: Yong-Hui Zheng, Dan Irwin, Takeshi Kurosu, Kenzo Tokunaga, Tetsutaro Sata and B. Matija Peterlin. Human APOBEC3F Is Another Host Factor That Blocks Human Immunodeficiency Virus Type 1 Replication. *J. Virology* **78**:6073-6076, 2004.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human APOBEC2 V5 His Expression Vector from Drs. B. Matija Peterlin and Yong-Hui Zheng (cat# 10104)." Also include the reference cited above in any publications.

Last Updated: July 03, 2018

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