NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Human APOBEC3G Myc His Expression Vector
Catalog Number:	10002
Lot Number:	180164
Release Category:	A
Provided:	5 µg of dried purified DNA stabilized in DNAstable *Plus*
Cloning Site:	XhoI/SfuI cloning site The size of the insert is 1152 bp.
Cloning Vector:	pcDNA3.1/Myc-HisC Ampicillin and neomycin resistant
Description:	An expression vector which produces human APOBEC3G protein with C-terminal Myc and 6xHis tags.
Special Characteristics:	This construct is approximately 6641 bp including the insert. This plasmid expresses human APOBEC3G that was cloned by RT-PCR using total RNA from H9 cells (human T lymphocytes). Expression is driven by the CMV promoter. Contributor provided sequence file Sequence file lot 180164 GenBank Accession Number: AF182420 Alternate name: pcDNA3.1 Human APOBEC3G-Myc-6XHis 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

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.

Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. David Kabat
References:	M. Marin, K. M. Rose, S. L. Kozak and D. Kabat. (2003). HIV-1 Vif protein binds the editing enzyme APOBEC3G and induces its degradation. Nat Med, 9(11), 1398-403. doi:10.1038/nm946 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human APOBEC3G Myc His Expression Vector from Dr. David Kabat (cat# 10002)." Also include the reference cited above in any publications.
Last Updated:	March 24, 2020

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.