



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	APOBEC3G-HA Expressing 293 Cells
Catalog Number:	10203
Lot Number:	050812
Release Category:	C
Provided:	~3.6 x 10 ⁶ cells/vial and viability is 96%.
Cell Type:	HEK293
Propagation Medium:	DMEM with 10% fetal calf serum, supplemented with Gentamicin at 50µg/ml. After allowing cells to recover from thawing for about 1 week, selection is done with G418 at 500 µg/ml. Maintain cells under G418 selection for passaging but remove drug from media for experiments. Freeze cells in medium containing 90% fetal bovine serum, 10% DMSO.
Growth Characteristics:	Upon cell thawing, it should take about a week to obtain confluency in a T75 flask. Passage cells at 1:5-1:8 split, two (2) times per week.
Morphology:	In culture, cells are adherent, epithelial.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	Cells stably transfected with pcDNA3.1 vector expressing human APOBEC3G tagged with HA (c-term).
Recommended Storage:	Liquid nitrogen
Contributor:	Dr. Xiao-Fang Yu

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.

References:

Yu X, Yu Y, Lui K, Luo K, Kong W, Mao P and Yu X-F. Induction of APOBEC3G Ubiquitination and Degradation by an HIV-1 Vif-Cul5-SCF Complex. *Science* **302**:1056-1060, 2004.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: APOBEC3G-HA Expressing 293 Cells from Dr. Xiao-Fang Yu" Also include the references cited above in any publications.

Limited to one aliquot per laboratory. Scientists at for-profit institutions or who intend commercial use of this reagent must contact Johns Hopkins University Licensing & Technology Development at email address techlicense@jhmi.edu and specify in the email the name of the reagent and a description of the intended use of the reagent.

Last Updated

July 03, 2018

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