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DATA SHEET

Reagent:	pPA-GFP-GAG
Catalog Number:	12483
Lot Number:	140331
Release Category:	A
Provided:	5 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Site:	The size of the insert is 717 bp.
Cloning Vector:	pPAGFP-C1 Neomycin/kanamycin resistant
Description:	An expression vector that produces fluorescently (GFP) tagged HIV-1 Gag. Used to label HIV for viral tracking and imaging. Photo activation allows for discrimination between viral signal and high fluorescent background.
Special Characteristics:	This construct is 6,274 bp including the insert. Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. Plasmid map and sequence file lot 140331 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.
Contributor:	Dr. Thomas J. Hope

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: Gomez CY, Hope TJ. Mobility of human immunodeficiency virus type 1 Pr55Gag in living cells. J Virol. 2006 Sep;80(17):8796-806. PubMed PMID: 16912326; PubMed Central PMCID: PMC1563866.

NOTE: Acknowledgment for publications should read "pPAGFP-Gag was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from Dr. Thomas J. Hope (Cat# 12483)." Also include the reference cited above in any publications.

Last Updated: April 05, 2018

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