



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 Consensus Nef His Expression Vector
Catalog Number:	3298
Lot Number:	120056
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Site:	NdeI/PstI cloning site The size of the insert is 639 bp
Cloning Vector:	pT7-7 (from Stan Tabor) Ampicillin resistant
Description:	The artificially generated consensus <i>nef</i> gene was derived from the analysis of 54 HIV-1 patient isolates.
Special Characteristics:	This construct is 3532 bp including the insert. This plasmid expresses artificially generated consensus <i>nef</i> gene derived from analysis of 54 HIV-1 patient isolates using overlapping PCR amplification. The Nef protein produced contains six additional C-terminal histidines to allow affinity purification using an NTA column. The <i>nef</i> gene is expressed using a T7 RNA polymerase promoter. Contributor Provided Plasmid Map Contributor Provided Sequence Information Plasmid map and sequence information lot 120056 Alternate names include: pT7consnefhis6 This reagent is currently being provided as dried purified DNA stabilized in DNASTable

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.

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. Ron Swanstrom, University of North Carolina at Chapel Hill, Lineberger Cancer Center.

References:

Shugars DC, Smith MS, Glueck DH, Nantermet PV, Seillier-Moiseiwitsch F, Swanstrom J R. *J Virol* **67**:4639-4650, 1993.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Consensus Nef His Expression Vector from Dr. Ron Swanstrom (cat# 3298)." 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 UNC Tech Transfer Department at the following email address: mta@unc.edu

Last Updated:

December 06, 2018

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