



NIH AIDS Reagent Program

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DATA SHEET

Reagent: 453D mAb Light Chain Expression Vector

Catalog Number: 13620

Lot Number: 200358

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *Plus*

Cloning Site: Unknown

Cloning Vector: pBR322 based vector
Ampicillin resistant

Description: A 453D mAb light chain expression vector which can be used with the corresponding 453D mAb heavy chain expression vector (cat# 13619) to produce the monoclonal antibody, 453D.

Special Characteristics: This construct is approximately 6000 bp including the insert.
This is a light chain expression vector for the broadly neutralizing antibody, 453D.
This plasmid can be used in conjunction with the complementary 453D mAb heavy chain expression vector (cat# 13619) to produce the monoclonal antibody, 453D.
[Contributor provided sequence information](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
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. Susan Zolla-Pazner

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: 453D mAb Light Chain Expression Vector from Dr. Susan Zolla-Pazner (cat# 13620)."

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NYU Office of Industrial Liaison at the following email address: sadhana.chitale@nyumc.org or abram.goldfinger@nyumc.org, before the reagent can be released.

Last Updated: September 09, 2020

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