



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV env 405-423 (Z3)

Catalog Number: 702

Lot Number: 93015

Provided: 1 mg, lyophilized

Sequence: TGNITLPCRILKQVVRTWQG

Synthesis: Applied Biosystems automated peptide synthesizer.

Analytical Test: HPLC, estimated purity: >95%

Solubility: 1 mg/ml in phosphate-buffered saline.

Special Characteristics: Activity is unknown. Peptide is not recognized by some DR4-restricted T cells specific for corresponding region of IIIB gp120. Peptide does not bind to DR4.

Recommended Storage: -20°C, lyophilized and under N₂. After resuspension, store at -70°C.

Contributor: Dr. Robert F. Siliciano

References: Callahan K, Fort M, Obah E, Reinherz E, Siliciano R. Genetic variability in HIV-1 gp120 affects interactions with HLA molecules and T cell receptor. *J Immunol* **144**:3341-3346, 1990.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, AIDS Program, NIAID, NIH: Synthetic peptide HIV env 405-423 (Z3) from Dr. Robert F. Siliciano (cat# 702)." Also include the above references in any publications.

Limited to one mg per laboratory.

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.

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