



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

**Reagent:** HIV env 419-438 (CDC42)

**Catalog Number:** 703

**Lot Number:** 93014

**Provided:** 1 mg, lyophilized

**Sequence:** TGDIIITLPCRILKQIINRWQV

**Synthesis:** Applied Biosystems automated peptide synthesizer.

**Analytical Test:** HPLC, estimated purity: 80%

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

**Special Characteristics:** Residues 419-438 of CDC42 gp120.  
Activity is unknown. Peptide is not recognized by some DR4-restricted T cells specific for corresponding region of gp120, IIIB strain. Peptide does bind to DR4.

**Recommended Storage:** -20°C, lyophilized and under N<sub>2</sub>. 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.

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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.

**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 419-438 (CDC42) from Dr. Robert F. Siliciano (cat# 703)." Also include the above references in any publications.

**Limited to one mg per laboratory.**

**Last Updated:**

July 31, 2018

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