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:	Human CD8 Expression Vector (pT8F1)
Catalog Number:	179
Lot Number:	180251
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNAstable *Plus*
Cloning Vector:	pSP65 Ampicillin resistant
Cloning Site:	EcoRI cloning site The size of the insert is approximately 1500 bp.
Host Strain:	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.
Description:	An expression vector which produces human CD8 protein.
Special Characteristics:	This construct is approximately 4500 bp including the insert. This plasmid expresses CD8 derived from a cDNA library prepared from human T cell leukemia, Fro 2.2. Expression is driven by an SP6 promoter. Contributor provided plasmid map 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
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor:	Dr. Richard Axel
References:	Littman, D. R., Thomas, Y., Maddon, P. J., Chess, L. and Axel, R. (1985). The isolation and sequence of the gene encoding T8: a molecule defining functional classes of T lymphocytes. Cell, 40(2), 237-46. PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human CD8 Expression Vector (pT8F1) from Dr. Richard Axel (cat# 179)." Also include the reference cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of this reagent must contact Columbia Technology Ventures at the following email address: techventures@columbia.edu, before the reagent can be released.**
Last Updated:	November 13, 2019