



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	CHO ST4.2 Cells
Catalog Number:	501
Lot Number:	01975
Release Category:	A
Provided:	4 x 10 ⁶ cells/ml. Viability is 96%.
Cell Type:	CHO cells
Propagation Medium:	Ham's F12 without hypoxanthine, with 0.3 µM methotrexate, 90%; dialyzed, refiltered fetal bovine serum, 10%.
Freeze Medium:	Propagation medium, 90%; DMSO, 10%.
Growth Characteristics:	Medium growth rate. Maintain cells at about 2 x 10 ⁶ . Feed with medium at least every 3 days. The cells also grow well in DMEM with fetal bovine serum, but continued production of CD4 must be monitored when this medium is used. Cells grow as flat, adherent cells.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	These cells secrete soluble CD4 consisting of the entire extracellular region.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Dan Littman.
References:	Personal communication.

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, Division of AIDS, NIAID, NIH: CHO ST4.2 Cells from Dr. Dan Littman."

Last Updated

July 02, 2018

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