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DATA SHEET

Reagent:	Cf2Th synCCR5+ Cells
Catalog Number:	4662
Lot Number:	00091
Release Category:	D
Provided:	4.4 x 10 ⁶ cells
Cell Type:	Canine thymocytes
Propagation Medium:	DMEM, 90%; fetal bovine serum, 10%; supplemented with pen/strep, 500 µg/ml G418, 500 µg/ml zeocyn, 3 µg/ml puromycin.
Freeze Medium:	Gibco Cell Freezing Medium
Growth Characteristics:	Adherent cells. Split 1/10 using trypsin/EDTA once the cells reach 70-80% confluency. To harvest the cells with intact CCR5 receptors, use PBS with 5 mM EDTA to detach the cells. The cells grow rapidly and prefer low levels of confluency.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Special Characteristics:	The cells are cloned from the CfTh2 cell line, and express approximately 0.5-1.0 x 10 ⁶ human CCR5 per cell. The CCR5 is expanded by addition of the C9 tag at the C terminus.
Contributor:	Dr. Tajib Mirzabekov and Dr. Joseph Sodroski.
References:	Mirzabekov T, et al. Enhanced expression, native purification, and characterization of CCR5, principal HIV-1 coreceptor. <i>J Biol Chem</i> 274 :28745-28750, 1999.

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: Cf2Th synCCR5+ Cells from Dr. Tajib Mirzabekov and Dr. Joseph Sodroski." Also include the reference cited above in any publications.

Last Updated

September 07, 2017

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