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DATA SHEET

Reagent:	NIH-3T3 DC-SIGN+ Cells
Catalog Number:	9947
Lot Number:	050760
Release Category:	C
Provided:	2.5 x 10^6 cells/vial. Viability is 96%.
Cell Type:	Mouse fibroblast cell line.
Propagation Medium:	High glucose DMEM, 90%; fetal bovine serum, 10%.
Freeze Medium:	High glucose DMEM, 70%; fetal bovine serum, 20%; DMSO, 10%
Growth Characteristics:	Adherent cell line, doubling time of approximately 20 hours.
Morphology:	Fibroblast.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Special Characteristics:	NIH 3T3 cells were transduced with the MLV vector MX-DC-SIGN and FACS sorted for high levels of DC-SIGN expression. The MX-DC-SIGN vector encodes no drug-selectable marker gene. Thus, early freezes of this line should be established. Variable expression of DC-SIGN will be observed in the cell population if kept more than one month in culture. Alternative Name: NIH 3T3/MX-DC-SIGN
Recommended Storage:	Liquid nitrogen.

Contributor:	Drs. Thomas D. Martin and Vineet N. KewalRamani, HIV Drug Resistance Program, NCI.
References:	Wu L, Martin TD, Vazeux R, Unutmaz D, KewalRamani VN. Functional evaluation of DC-SIGN monoclonal antibodies reveals DC-SIGN interactions with ICAM-3 do not promote human immunodeficiency virus type 1 transmission. *J Virol* **76**:5905-5914, 2002.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: NIH 3T3 DC-SIGN+ Cells from Drs. Thomas D. Martin and Vineet N. KewalRamani." Also include the reference cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of this reagent must contact: Dr. Jeffrey W. Thomas, NCI Technology Transfer Center, ATRF Room E3202, PO Box B, Frederick, MD 21701, Email: jeffreyt@mail.nih.gov, Tel: (301) 846-5465, Fax: (301) 846-6820, before the reagent can be released. Tel: 301-846-5465**
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