



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 Soluble CD4 Recombinant Protein (sCD4)
Catalog Number:	4615
Lot Number:	150316
Provided:	100 µg of purified protein at 1.0 mg/ml in 50 mM MES, 350 mM NaCl, pH 6.0.
Molecular Weight:	Runs at ~55 kDa on reduced SDS-PAGE.
Purity:	>95%
Description:	Full-length extracellular domain of human CD4 (amino acids 1-370) produced in mammalian (CHO) expression system.
Special Characteristics:	Reactive with HIV-1 gp120 and anti-CD4 monoclonal and polyclonal antibodies. Its glycosylation pattern is identical to that of the natural human protein. Activity: Binds to HIV-1 gp120 and inhibits HIV-1 binding to and infection of CD4+ T lymphocytes.
Recommended Storage:	Keep at -80°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Progenics Pharmaceuticals, Inc.
NOTE:	Acknowledgement for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human Soluble CD4 Recombinant Protein (sCD4) from Progenics." Not available to researchers at commercial organizations. Limited to one aliquot per lab. If additional material is needed, please contact Dr. Ozzie Dalia at Progenics: odalia@progenics.com. Recipient must not use or incorporate the reagent for commercial purposes.
Last Updated:	December 19, 2016

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.

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