



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: 120050

Provided: 100 µg/vial, 1.0 mg/ml in 50 mM MES, 350 mM NaCl, pH 6.0

Purity: >95%

Description: Full-length extracellular domain of human CD4 (amino acids 1-370) produced in a 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: -80°C

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: October 20, 2015

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.