



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Human Soluble CD4 Recombinant Protein (sCD4)
Catalog Number:	4615
Lot Number:	180011
Provided:	100 µg of purified protein at 1.0 mg/mL in 50 mM MES, 350 mM NaCl, pH 6.0
Molecular Weight:	Approximately 55 kDa by reduced SDS-PAGE
Purity:	>95%
Description:	A full-length, extracellular domain derived from human CD4 (amino acids 1-370)
Special Characteristics:	<p>This protein is produced in a CHO expression system and purified. It has a glycosylation pattern identical to that of the natural human protein. It is reactive with HIV-1 gp120 and anti-CD4 monoclonal and polyclonal antibodies. It binds to HIV-1 gp120 and inhibits HIV-1 binding to and infection of CD4+ T lymphocytes.</p> <p>UniProt ID: P01730</p>
Recommended Storage:	Keep the reagent at -80°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Progenics Pharmaceuticals, Inc.
NOTE:	<p>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."</p> <p>Limited to one aliquot per lab. If additional material is needed, please contact Dr. Ozzie Dalia at Progenics: odalia@progenics.com.</p> <p>Recipient must not use or incorporate the reagent for commercial purposes.</p>

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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