



DATA SHEET

For research use only. Not for use in humans.

Reagent:	Human Soluble CD4 (sCD4) Protein, Recombinant from CHO Cells
Catalog Number:	ARP-4615
Lot Number:	190213
Release Category:	E
Provided:	Each vial of ARP-4615 contains approximately 100 µg of purified protein at 1.0 mg/mL in 50 mM MES, 350 mM NaCl, pH 6.0. <u>Note:</u> Lot 190213 is past the supplier's expiration/retest date; however, recent analysis of this lot showed the expected molecular weight of approximately 55-kDa band on reduced SDS-PAGE.
Description:	A recombinant form of the full-length, extracellular domain derived from human CD4 (residues 1 to 370; UniProt ID: P01730) was produced in a CHO expression system and purified. ARP-4615 has a glycosylation pattern identical to that of the natural human protein. It is reactive with human immunodeficiency virus type 1 (HIV-1) gp120 protein and anti-CD4 monoclonal and polyclonal antibodies. ARP-4615 binds to HIV-1 gp120 and inhibits HIV-1 binding to and infection of CD4+ T lymphocytes.
Recommended Storage:	ARP-4615 should be stored at -80°C or colder immediately upon arrival. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Progenics Pharmaceuticals, Inc.
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Human Soluble CD4 (sCD4) Protein, Recombinant from CHO Cells, ARP-4615, contributed by Progenics Pharmaceuticals, Inc."
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories . 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm .
Disclaimers:	You are authorized to use this product for research use only. It is not intended for use in humans. Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at www.hivreagentprogram.org . While the NIH HIV Reagent Program uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate. This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to the NIH HIV Reagent Program are not liable for damages arising from the misidentification or misrepresentation of products.



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Note:

ARP-4615 is limited to one aliquot per recipient. If additional material is needed, please contact Dr. Ozzie Dalia at: ozzie.dalia@lantheus.com.

The recipient must not use or incorporate the reagent for commercial purposes.

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