



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: | HIV-1 JR-CSF Fc-gp120 Recombinant Protein |
| Catalog Number: | 11556 |
| Lot Number: | 071012 |
| Provided: | 50 µg (1mg/mL) affinity purified protein. |
| Molecular Weight: | 150 kDa (reduced) |
| Description: | Fc-gp120 chimera was constructed by fusing human IgG1 Fc domain N-terminal to gp120 from HIV-1 JR-CSF strain. Fc was fused in-frame to the Leu residue at position 51. Protein was expressed in CHO cells and purified by protein A affinity chromatography. |
| Special Characteristics: | Fc-gp120: <ul style="list-style-type: none">• binds CD4 by IP, FACS, and VOPBA• binds CCR5 by FACS in the presence of sCD4• binds DC-SIGN by FACS• works in ELISA with anti-gp120 antibodies. |
| Recommended Storage: | -80°C |
| Contributor: | Dr. John Elder and Aymeric de Parseval |
| References: | Inhibition of HIV Env binding to cellular receptors by monoclonal antibody 2G12 as probed by Fc-tagged gp120. James M Binley, Stacie Ngo-Abdalla, Penny Moore, Michael Bobardt, Udayan Chatterji, Philippe Gallay, Dennis R Burton, Ian A Wilson, John H Elder and Aymeric de Parseval. <i>Retrovirology</i> . 2006, 3 :39 |
| NOTE: | Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 JR-CSF Fc-gp120 Recombinant Protein (Cat#11556) from Aymeric de Parseval and Dr. John H. Elder." Also include the references cited above in any publications. |

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.

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.