

Centre for AIDS Reagents

Data Sheet

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| DESCRIPTION: | Recombinant Soluble Human CD4 (CHO) |
| REPOSITORY REFERENCE: | ARP6000 |
| CHARACTERISTICS: | Full length extracellular domain of human CD4 (aa 1-370) produced in a mammalian (CHO) expression system. Reactive with HIV-1 gp120 and anti-CD4 monoclonal and polyclonal antibodies. Its glycosylation pattern is identical to that of the natural human protein. It binds to HIV-1 gp120 (Kd-2.95nM) and inhibits HIV-1 binding to; and infection of CD4+ T Lymphocytes. |
| BUFFER: | 50mM MES, PH6.0, 350mM NaCl |
| MOLECULAR WEIGHT: | Runs at ~55 kDa on reduced SDS-PAGE. |
| PURITY: | >95% |
| PRESENTATION: | 50µg (1mg/ml) |
| SOURCE: | Progenics Pharmaceuticals, Inc, USA (Courtesy of the NIH AIDS Reagent Program.) |
| STORAGE: | -80C |
| NOTE: | <p>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.</p> <p>Recipient must not use or incorporate the reagent for commercial purposes.</p> |
| ACKNOWLEDGEMENTS: | <p>Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents.</p> <p>Please also ensure that you send us a copy of any publications resulting from work using reagents acquired through CFAR (cfar@nibsc.org)</p> |