



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HIV-1 IIIB gp120 Recombinant Protein
<b>Catalog Number:</b>	11784
<b>Lot Number:</b>	120047
<b>Provided:</b>	50 µg purified protein at 1 mg/mL.
<b>Molecular Weight:</b>	120kD
<b>Purity:</b>	>98% purity as determined by SDS-PAGE, reduced.
<b>Description:</b>	Full length recombinant HIV-1 IIIB gp120 produced in CHO cells.
<b>Special Characteristics:</b>	<p>This protein binds to murine monoclonal antibodies of defined epitope specificity and human serum polyclonal antibodies in ELISA and Western ELISA. This protein binds to human T-cell receptor CD4 in ELISA and Western ELISA as determined by CD4/gp120/Anti-gp120 mAb-peroxidase capture ELISA.</p> <p>This protein activates human T-Lymphocytes (CD4+, CD4-), in vitro, as measured by RNA synthesis during G0 to G1 transition phase of antigen-binding competent cells.</p>
<b>Recommended Storage:</b>	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	DAIDS, NIAID (produced by Immunodiagnostics)
<b>NOTE:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 IIIB gp120 Recombinant Protein, Cat #11784." Also include the reference cited above in any publications.
<b>Last Updated:</b>	October 18, 2016

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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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