



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 IIIB gp120 Recombinant Protein
Catalog Number:	11784
Lot Number:	13JE24
Provided:	50 µg of purified protein in PBS.
Molecular Weight:	Approximately 120 kDa
Purity:	>98% by SDS-PAGE, reduced.
Description:	A full length protein derived from HIV-1 IIIB gp120.
Special Characteristics:	<p>This envelope protein is produced in a CHO expression system and purified by immunoaffinity chromatography.</p> <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>
Recommended Storage:	Keep at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	NIAID, DAIDS (Produced by ImmunoDX, LLC.)
NOTE:	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 from ImmunoDX, LLC."
Last Updated:	October 18, 2016

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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