

HIV-1 env gp120, Strain YU2 Active Protein

HIV-1 env gp120, Strain YU2 (M Tropic), Recombinant (Human Immunodeficiency Virus-1)

CATALOG # AAA14753	HOST Baculovirus	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

HIV-1 env gp120; Strain YU2; Strain YU2 (M Tropic); Recombinant (Human Immunodeficiency Virus-1); Strain YU2 active protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Specificity	This protein binds to murine monoclonal antibodies of defined epitope specificity and HIV-1 converted human serum polyclonal antibodies in ELISA and Western Blot.
Purity/Purification	>95% (SDS-PAGE, reduced). Purified by immunoaffinity chromatography.
Form/Format	Supplied as a liquid in PBS. No preservative and no stabilizing protein added.
Concentration	1mg/ml (varies by lot)
Applicable Applications for HIV-1 env gp120, Strain YU2 active protein	ELISA, WB (Western Blot)
Application Notes	Recommended Dilutions: ELISA: 10-100ng Western Blot: 10-100ng (Human serum polyclonal antibodies yield titers of 1:1000 or greater at 10-100ng of immobilized protein under standard ELISA conditions.) Other applications not tested. Optimal dilutions to be determined by the researcher.
Biological Activity	This protein binds to human T-cell receptor CD4 as determined by CD4/gp120/Anti gp120 mAb-peroxidase capture ELISA.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Aliquot to avoid repeated freezing and thawing and store at -70°C. Aliquots are stable for 6 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

ADDITIONAL INFORMATION

Related Product Information for HIV-1 env gp120, Strain YU2 active protein	Gene cloned from Macrophage -cell-tropic HIV-1 YU2 strain and the full length recombinant envelope gp120 glycoprotein produced in the Baculovirus Expression System.
Product Categories/Family for HIV-1 env gp120, Strain YU2 active protein	Molecular Biology ; MB-Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.