

HIV1 gp120 active protein

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CATALOG #
AAA75444

HOST
Recombinant gp120 (HIV-1 IIIB produced in mammalian cells, CHO)

PRODUCT SYNONYMS

HIV1 gp120; HIV1 gp120 protein; HIV-1 gp120 protein; HIV 1 gp120; Glycoprotein 120 protein; SU protein; gp120 protein; gp120 glycoprotein protein; HIV 1 gp120 protein; Envelope surface glycoprotein gp120 protein; Surface protein protein; Human Immunodeficiency Virus 1 protein; HIV-1 gp120; HIV1 gp120 active protein

PRODUCT SPECIFICATIONS

Host	Recombinant gp120 (HIV-1 IIIB produced in mammalian cells, CHO)
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Supplied frozen in PBS buffer with no preservatives. MW= 120 kD
Concentration	1.0 mg/ml (varies by lot)
Grade	Recombinant
Species	Viral
Bioactivity	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. This protein activates human T-Lymphocytes (CD4+, CD4-), in vitro, as measured by RNA synthesis during G0 to G1.
Biohazard	Use standard laboratory precautions when handling this material.
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. Upon receipt store at -75°C or lower. Avoid multiple freeze/thaws.

ADDITIONAL INFORMATION

Related Product Information for HIV1 gp120 active protein	Human immunodeficiency virus (HIV) is a lentivirus that causes acquired immunodeficiency syndrome (AIDS), a condition in humans in which the immune system begins to fail, leading to life-threatening opportunistic infections. Envelope glycoprotein GP120 (or gp120) is a glycoprotein exposed on the surface of the HIV envelope. The 120 in its name comes from its molecular weight of 120 kilodaltons. gp120 is essential for virus entry into cells as it plays a vital role in seeking out specific cell surface receptors for entry.
Product Categories/Family for HIV1 gp120 active protein	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.