

HIV-1 gp120 LAV Envelope Recombinant

Item Number	rAP-5372
Synonyms	
Description	HIV-1 gp120 LAV isolate Recombinant- is the external envelope protein, full-length 100-120 kDa, derived from the env. gene of HIV-1 and glycosylated with N-linked sugars and produced using baculovirus vectors in insect cells. Purified under conditions that maintain the tertiary structure of the biologically active mole-
Uniprot Accession Number	M19921
Amino Acid Sequence	IPGEKLWVTV YYGVPVWKEA TTTLFCASDA KAYDTEVHNV ATHACVPTDP NPQEVVLVNV TENFNMW-KND MVEQMHEDEII SLWDQSLKPC VKLTPLCVSL KCTDLKNDTN TNSSSGRMIM EKGEIKNCSF NISTSIRDKV QKEYAFFYKL DIVPIDNTSY RLISCNTSVI TQACPKVSFE PIPHYCAPA GFAILKCNNK TFNGTGPCNTN VSTVQCTHGI RPVVSTQLLL NGSLAEEDVV IRSANFTDNA KTIIVQLNTS VEINCTRPNN NTRKSIRIQR GPGRAVFTIG KIGNMRQAHK NISRAKWNAT LKQIASKLRE QFGNNKTIIF KQSSGGDPEI VTHSFNCGGE FFYCNSTQLF NSTWFNSTWS TEGSNNTSGS DTITLPCRIK QFINMWQEVG KA-
Source	Baculovirus Insect Cells.
Physical Appearance and Stability	Sterile filtered colorless clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The protein solution contains 10mM Tris-Cl pH-7.6, 150mM NaCl and 0.01% Triton N-101. Greater than 90.0% as determined by HPLC analysis and SDS-PAGE.
Application	HIV-1 gp120 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**