

## HIV-1 gp120 MN Envelope Recombinant

<b>Item Number</b>	rAP-5348
<b>Synonyms</b>	
<b>Description</b>	HIV-1 gp120 MN 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. The gp120MN is dual tropic meaning it binds to CCR5 and X4. Purified under conditions that maintain
<b>Uniprot Accession Number</b>	M17449
<b>Amino Acid Sequence</b>	
<b>Source</b>	Baculovirus Insect Cells.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless clear solution. Recombinant HIV -1 gp120 MN although stable at 4°C for 3 weeks, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze-thaw cycles.
<b>Formulation and Purity</b>	The HIV-1 gp120 protein solution contains 10mM Tris-Cl, pH-7.6, 150mM NaCl and 0.01% Triton N-101. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	HIV-1 gp120 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**