Recombinant HIV-1(gp120 subunit) (group N, strain 06CM-U14296) gp120 protein(Trp32-Arg504), His-tagged

Cat. No. gp120-1126V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-1 Envelope glycoprotein gp160 protein (Trp32-Arg504) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	HIV
Source	HEK293
ProteinLength	Trp32-Arg504
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant HIV-1 Envelope glycoprotein gp160 protein consists 484 amino acids and predicts a molecular mass of 54.4 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA