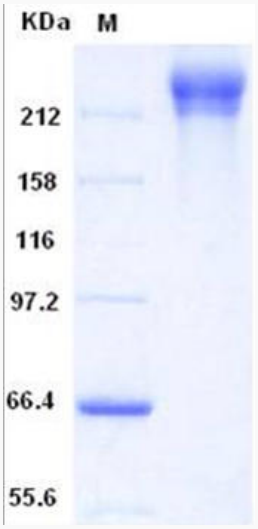
Active Recombinant HIV(group M, subtype CRF07_BC) gp140 protein, hFc-tagged

Cat. No. gp140-1949H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant HIV(group M, subtype CRF07_BC) gp140 protein(Ala 29-Ser 661), was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus and a signal peptide at the N-terminus.
Species	HIV
Source	HEK293
ProteinLength	29-661 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Using the Octet RED System, the affinity constant (Kd) of gp140-Fc bound to human CD4 is 0.3 μM.
Molecular Mass	The recombinant HIV-1 gp140 consists of 874 amino acids after removal of the signal peptide and has a predicted molecular mass of 98 kDa. The apparent molecular mass of the recombinant protein is approximately 210-230 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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

Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
SDS-PAGE	

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