

## Recombinant HIV(group M, subtype CRF07\_BC) GP120 protein, His-tagged

Cat. No. GP120-2220H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant HIV(group M, subtype CRF07_BC) GP120 protein(AFM77980.1)(Ala 29-Glu 503) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	HIV
<b>Source</b>	HEK293
<b>ProteinLength</b>	29-503 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Molecular Mass</b>	The recombinant HIV-1 gp120 consists of 486 amino acids after removal of the signal peptide and has a predicted molecular mass of 54.6 kDa. The apparent molecular mass of the recombinant protein is approximately 80-100 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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.

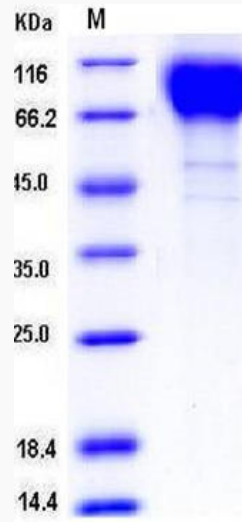
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA