

Recombinant HIV-1(group M, subtype CRF07_BC) gp120 protein, His-tagged, Biotinylated

Cat. No. gp120-0406H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant HIV-1(group M, subtype CRF07_BC) gp120 protein(Ala29-Glu502), fused with His tag, was expressed in HEK293.
Species	HIV
Source	HEK293
ProteinLength	Ala29-Glu502
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant HIV-1 gp120 consists of 485 amino acids after removal of the signal peptide and has a predicted molecular mass of 54.8 kDa. It migrates as an approximately 95.49 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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

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

Conjugation

Biotin

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