Recombinant HIV-1 (group M, subtype B, strain SHIV-89.6P) gp120 Protein, His-tagged

Cat. No. Gp120-545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-1 (group M, subtype B, strain SHIV-89.6P) gp120 Protein(AAC57427.1)(Thr31-Arg509), fused with His tag, was expressed in HEK293.
Species	HIV
Source	HEK293
ProteinLength	Thr31-Arg509
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 Human immunodeficiency virus 1(group M, subtype B, strain SHIV-89.6P) ENV consists 490 amino acids and predicts a molecular mass of 55.4 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.

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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.

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