

Recombinant HIV gp36 protein(Gln547-Tyr670), His&MBP-tagged

Cat. No. gp36-317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-2 envelope glycoprotein gp160 (BAM76170.1)(Gln547-Tyr670), termed as gp36, was expressed in E. coli with the N-terminal polyhistidine tag followed by a MBP tag.
Species	HIV
Source	E.coli
ProteinLength	Gln547-Tyr670
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-2 gp36 consists of 524 amino acids and has a predicted molecular mass of 58.8 kDa. The apparent molecular mass of the recombinant protein is approximately 55 KDa in SDS-PAGE under reducing conditions.
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

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

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