

Recombinant HIV gp160 (subtype CRF01_AB, strain 07JP_NMC716_clone_01) Protein, His & MBP-tagged

Cat. No. gp160-636V Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-2 envelope glycoprotein gp160 (BAM76170.1)(Gln547-Tyr670), termed as gp36, was expressed with the N-terminal polyhistidine-tagged MBP tag at the N-terminus.
Species	HIV
Source	E.coli
ProteinLength	547-670 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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