

Recombinant HIV GP120 Protein, His-tagged

Cat. No. GP120-787V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV1(group M, subtype B, isolate BAL) Envelope glycoprotein gp160 Protein(gp120 subunit) (AAA44191.1) (Glu30-Arg509) was expressed with a polyhistidine tag at the C-terminus.
Species	HIV
Source	HEK293
ProteinLength	30-509 a.a.
Predicted N Terminal	Glu 30
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant HIV1(group M, subtype B, isolate BAL) Envelope glycoprotein gp160 Protein(gp120 subunit) consists 491 amino acids and predicts a molecular mass of 55.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>(85.5+6.2) % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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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