

Recombinant HIV gp160 Protein, Fc-tagged

Cat. No. gp160-731V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-1 envelope glycoprotein gp160 (ACY40659.1) extracellular domain (Tyr38-Gln684), termed as gp140, was expressed with the Fc region of human IgG1 at the C-terminus.
Species	HIV
Source	HEK293
ProteinLength	38-684 a.a.
Predicted N Terminal	Tyr 38
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant HIV1 gp140 (group P) consists 885 amino acids and predicts a molecular mass of 99.4 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % 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 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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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