

Recombinant HIV gp160 Protein, His-tagged

Cat. No. gp160-729V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HIV-1 Envelope glycoprotein gp160 protein (Trp32-Arg504) was expressed with a polyhistidine tag at the C-terminus.
Species	HIV
Source	HEK293
ProteinLength	32-504 a.a.
Predicted N Terminal	Trp 32
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant HIV-1 Envelope glycoprotein gp160 protein consists 484 amino acids and predicts a molecular mass of 54.4 kDa.
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.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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