

## Recombinant HIV gp160 Protein, His-tagged

**Cat. No.** gp160-732V    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant HIV-1 envelope glycoprotein gp160 (ACY40659.1) extracellular domain (Tyr38-Arg527), termed as gp120, was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	HIV
<b>Source</b>	HEK293
<b>ProteinLength</b>	Tyr38-Arg527
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant HIV1 gp120(group P) consists 501 amino acids and predicts a molecular mass of 56.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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