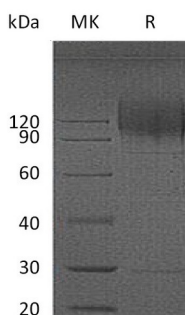


## Summary

<b>Name</b>	Recombinant HIV gp120
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant HIV 1 Envelope Glycoprotein Gp120 is produced by our Mammalian expression system and the target gene encoding Met1-Glu498 is expressed with a 8His tag at the C-terminus.
<b>Accession #</b>	Q9DKG6
<b>Host</b>	Human Cells
<b>Species</b>	HIV
<b>Predicted Molecular Mass</b>	57 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

**Product Name: Recombinant HIV gp120 (C-8His)**  
**Catalog #: PHV1416**



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**Alternative Names**

Envelope glycoprotein gp120; Glycoprotein 120; Surface protein gp120

**Background**

Envelope glycoprotein gp160 is single-pass type I membrane protein. The mature envelope protein (Env) consists of a homotrimer of non-covalently associated gp120-gp41 heterodimers. It is cleaved into the following 2 chains: glycoprotein 120 and transmembrane protein gp41. The resulting complex protrudes from the virus surface as a spike. The 17 amino acids long immunosuppressive region is present in many retroviral envelope proteins. Synthetic peptides derived from this relatively conserved sequence inhibit immune function in vitro and in vivo.

**Note**

For Research Use Only , Not for Diagnostic Use.