

# HIV-1 gp140 Protein (group P, strain RBF168) (Fc Tag)

Catalog Number: 40259-V02H



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

gp140

### Protein Construction:

A DNA sequence encoding the 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.

**Source:** HIV

**Expression Host:** HEK293 Cells

## QC Testing

**Purity:** > 85 % as determined by SDS-PAGE.

### Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

### Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

**Predicted N terminal:** Tyr 38

### Molecular Mass:

The recombinant HIV1 gp140 (group P) consists 885 amino acids and predicts a molecular mass of 99.4 kDa.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

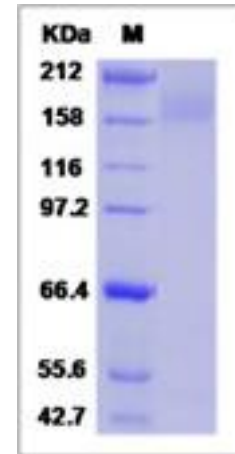
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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