

## Datasheet for ABIN934447 GP120 Protein



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	GP120 (HIV-1 gp120)
Origin:	Human Immunodeficiency Virus (HIV)
Source:	Baculovirus
Protein Type:	Recombinant

### Product Details

Characteristics:	Purified recombinant HIV1 gp120 protein Expression System: Baculovirus
Purity:	> 95 % pure

### Target Details

Target:	GP120 (HIV-1 gp120)
Alternative Name:	HIV1 gp120 ( <a href="#">HIV-1 gp120 Products</a> )
Target Type:	Viral Protein

**Background:** Human immunodeficiency virus (HIV) is a lentivirus that causes acquired immunodeficiency syndrome (AIDS), a condition in humans in which the immune system begins to fail, leading to life-threatening opportunistic infections. Envelope glycoprotein GP120 (or gp120) is a glycoprotein exposed on the surface of the HIV envelope. The 120 in its name comes from its molecular weight of 120 kilodaltons. gp120 is essential for virus entry into cells as it plays a vital role in seeking out specific cell surface receptors for entry.

Alternative Names: SU protein, HIV 1 gp120 protein, HIV 1 gp120 protein, gp120 protein, HIV-1

## Target Details

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gp120 protein, HIV-1 gp120, Glycoprotein 120 protein, gp120 protein, HIV1 gp120, HIV-1 gp120 protein, HIV 1 gp120, Envelope surface glycoprotein gp120 protein, gp120 glycoprotein protein, Human Immunodeficiency Virus 1 protein, Surface protein protein

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Molecular Weight: 115 kDa

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## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute with sterile distilled water.

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Buffer: Lyophilized from PBS buffer, no preservatives.

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Preservative: Without preservative

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.

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