



# Recombinant HIV Glycoprotein 41, 120 Chimeric Protein (DAGF-220)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Antigen Description

The human immunodeficiency virus (HIV) is a lentivirus (a subgroup of retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Without treatment, average survival time after infection with HIV is estimated to be 9 to 11 years, depending on the HIV subtype. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells.

<b>Purity</b>	≥ 90%
<b>Conjugate</b>	Unconjugated
<b>Molecular Weight</b>	16 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	20 mM Phosphate Buffer, 0.1% Sodium Dodecyl Sulfate, pH 7.4.
<b>Preservative</b>	None
<b>Storage</b>	May store at 2-8°C for < 2 weeks. For long term, store at -20°C. Aliquot and freeze to avoid multiple freeze/thaw cycles.

## BACKGROUND

**Keywords**

Retroviridae;Lentivirus HIV;Human Immunodeficiency Virus type 1

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