



# Recombinant HIV type 2 gp32 [BGAL] (DAG1556)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	HIV-2 gp32 recombinant- contains the full-length sequence of HIV-2 envelope immunodominant regions gp32. The protein is fused with galactosidase (114 kDa) at N-terminus.
<b>Species</b>	HIV
<b>Purity</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	HIV-2 gp32 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.
<b>Format</b>	Liquid
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	0.01M Na <sub>2</sub> CO <sub>3</sub> , 0.01M Na <sub>3</sub> EDTA, 0.014 Mmercaptoethanol and 0.02% Sarcosyl.
<b>Preservative</b>	None
<b>Storage</b>	Protein should be stored at 4°C.

## BACKGROUND

<b>Introduction</b>	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating 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
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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.

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**Keywords**

Human Immunodeficiency Virus; HIV gp32; HIV; HIV-2 gp32; HIV-2; HIV type 2 gp32

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