



Recombinant HIV type 1 Glycoprotein 120 (a.a. 30-110) [His] (DAG-P2850)

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

PRODUCT INFORMATION

Product Overview	HIV-1 gp120 is a non-glycosylated polypeptide chain, containing HIV-1 gp120 N-terminus immunodominant regions, 30-110 amino acids. The protein is fused to a six histidines tag.
Species	HIV
Purity	> 95 % SDS-PAGE
Conjugate	His
Applications	ELISA, WB
Format	Liquid
Concentration	1mg/ml
Size	100 µg
Buffer	48% Urea, 1.64% Sodium phosphate, 0.158% Tris HCl
Preservative	None
Storage	Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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
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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.

Keywords	HIV; HIV gp120; HIV Glycoprotein 120
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