



Recombinant HIV type 1 gp160 [His] (DAG4421)

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

PRODUCT INFORMATION

Product Overview	Recombinant HIV-1 gp160, His-tagged
Specificity	Immunoreactive with sera of HIV-infected individuals.
Species	HIV
Purity	> 90%, as determined by SDS-PAGE.
Conjugate	His
Applications	WB, ELISA
Molecular Weight	58 kDa
Format	Liquid
Concentration	5mg/ml
Buffer	in 100mM PBS pH-7.8, 20mM NaCl 0.5M, 300mM Imidazole, 8M urea.
Preservative	None
Storage	This product can be stored in working aliquots at 4° C for one month, or at -20° C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction	The HIV-1 envelope (Env) glycoproteins play an essential role in the virus replication cycle by mediating the fusion between viral and cellular membranes during the entry process. The Env glycoproteins are synthesized as a polyprotein precursor, gp160, that is cleaved by cellular proteases to the mature surface glycoprotein gp120 and the transmembrane glycoprotein gp41.
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Keywords

Human Immunodeficiency Virus; HIV gp160; HIV; HIV-1 gp160; HIV-1; HIV type 1 gp160
