



Recombinant HIV type 1 gp160 (DAG1538)

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

PRODUCT INFORMATION

Product Overview	HIV-1 gp160 LAV Recombinant- is Full length 160 kDa, tetrameric, and glycosylated with N-linked sugars and produced using baculovirus vectors in insect cells. Purified under conditions that maintain the oligomeric structure of the molecule.
Species	HIV
Purity	Greater than 90.0% as determined by HPLC analysis and SDS-PAGE.
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Buffer	10mM Tris pH-8, 0.3M NaCl and 0.01% Tween-20.
Preservative	None
Storage	2-8°C short term, -20°C long term

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