



Recombinant HIV type 1 gp140 (Consensus) (a.a. 35-674) [His] (DAG2135)

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

PRODUCT INFORMATION

Product Overview	C-terminal 6xHis tagged gp140 (HIV-1/Clade B/C)(Consensus) protein (http://www.hiv.lanl.gov/cIT-bin/NEWALIGN/align.cgi) (a.a. 35-674). It has 99% homology to a circulating strain (97CNGX-7F)
Species	HIV
Purity	≥ 95%
Conjugate	His
Applications	WB standard, antibody ELISA, immunogen, etc
Format	Liquid
Concentration	1 mg/ml
Size	100 µg, 1 mg
Buffer	PBS
Preservative	None
Storage	Stable for a month at 4°C. For long term storage, split it into small aliquots and keep at -80°C. Avoid repeated freezing and thawing.

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
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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. During virus assembly the gp120/gp41 complex is incorporated as heterotrimeric spikes into the lipid bilayer of nascent virions.

Keywords

Human Immunodeficiency Virus; HIV gp140; HIV; HIV-1 gp140; HIV-1; HIV type 1 gp140
