

HIV-1 gp160 Recombinant Protein | HIV1 gp160 recombinant protein

Human HIV-1 gp160 Recombinant

CATALOG #
AAA76057

HOST
E Coli

PRODUCT SYNONYMS

HIV-1 gp160; Human HIV-1 gp160 Recombinant; hiv1; gp160; HIV1 gp160 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Specificity	Immunoreactive with sera of infected HIV individuals
Purity/Purification	>90%, as determined by SDS-PAGE.
Form/Format	0.2 um filtered 100mM PBS, pH4.5, 10mM tris HCL., 300mM Imidiasole, 8M Urea.
Concentration	4.4 mg/ml (varies by lot)
Host Note	(Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)
Source	DNA sequence encoding immunodominant fragment of HIV-1 group M C-terminal region of gp120 and most of gp41 was expressed in Escherichia Coli.
Endotoxin	Less than 0.1EU/ug as determined by LAL method
Preparation and 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

ADDITIONAL INFORMATION

Related Product Information for HIV1 gp160 recombinant protein	Description: Recombinant HIV gp160 is fused to an ?-galactosidase purification tag and migrates as 58kDa on PAGE.
Product Categories/Family for HIV1 gp160 recombinant protein	Viral Antigens
References	• structure-function analysis of HIV-1 gp120 amino acid mutations associated with resistance to the ccr5 co-receptor antagonist vicriviroc .J. Virol., Sep 2009; 10.1128/JVI.01351-09. • HIV-1 gp120-induced migration of dendritic cells is regulated by a novel kinase cascade involving pyk2, p38 map kinase and Isp1 .Blood, Aug 2009; 10.1182/blood-2009-02-206342. • x4 HIV-1 gp120 down-modulates expression and immunogenicity of co-delivered antigens .J. Virol., Aug 2009; 10.1128/JVI.00394-09. • llama antibody fragments with cross-subtype human immunodeficiency virus type 1 (hiv-1) -neutralizing properties and high affinity for HIV-1 gp120 .J. Virol., Dec 2008; 82: 12069 - 12081. • cannabinoids inhibit HIV-1 gp120-mediated insults in brain microvascular endothelial cells .J. Immunol., Nov 2008; 181: 6406 - 6416.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.