

HIV-1 gp120 recombinant protein

HIV-1 gp120 (Du172.17) (Clade C) protein (amino acid 40-508)

CATALOG # AAA62178	HOST 293 cell culture	APPLICATIONS ELISA, Western Blot
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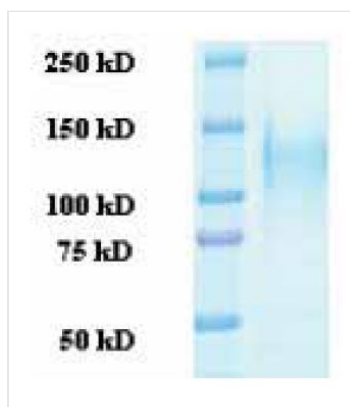
PRODUCT SYNONYMS

HIV-1 gp120; HIV-1 gp120 (Du172.17) (Clade C) protein (amino acid 40-508); gp120 (Du172.17) (HIV-1/Clade C) (aa 40-505); glycosylated recombinant protein; gp120 (Du172.17) (HIV-1/Clade C); gp120 (Du172.17) (HIV-1/Clade C) (aa 40-508); recombinant protein; HIV-1 gp120 recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	> 95% purity (SDS-PAGE)
Concentration	1 mg/mL in PBS. (varies by lot)
Sequence Length	3113
Applicable Applications for HIV-1 gp120 recombinant protein	immunogen, ELISA, WB (Western Blot)
Viral Protein	6xHis tagged HIV-1 gp120 (Du172.17) (Clade C) protein (amino acid 40-508) (Genebank No. DQ411853).
Preparation and Storage	Store at -20°C. Stable for 6 months from the date of shipment when kept at 4°C. Non-hazardous. No MSDS required.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for HIV-1 gp120 recombinant protein	Viral protein purified from 293 cell culture. C-terminal 6xHis tagged HIV-1 gp120 (Du172.17) (Clade C) protein (amino acid 40-508) (Genebank No. DQ411853) Envelope glycoprotein GP120 (or gp 120) is a glycoprotein exposed on the surface of the HIV envelope. gp120 is essential for virus entry into cells as it plays a vital role in seeking out specific cell surface receptors for entry. Three gp120s, bound as heterodimers to a transmembrane glycoprotein, gp41 are thought to combine in a trimer to form the envelope spike, which is involved in virus-cell attachment.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	89954434
NCBI Official Full Name	HIV-1 isolate Du172 clone 17 from South Africa rev protein (rev) gene, partial cds; and vpu protein (vpu) and envelope glycoprotein (env) genes, complete cds
UniProt Protein Name	Envelope glycoprotein gp160
UniProt Gene Name	env
UniProt Entry Name	Q202J8_9HIV1

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.

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Online datasheet: <https://www.aaabiotech.com/env-recombinant-protein-293-cell-immunogen-elisa-wb-western-blot/62178>