

gp140 (HIV-1/Subtype CRF01_AE) (CM235) Recombinant Protein | gp140 recombinant protein

gp140 (HIV-1/Subtype CRF01_AE) (CM235) (aa 30-667), HIV-1 subtypes B and E (CRF01_AE)

CATALOG # AAA62209	HOST 293 cell culture	APPLICATIONS ELISA, Western Blot
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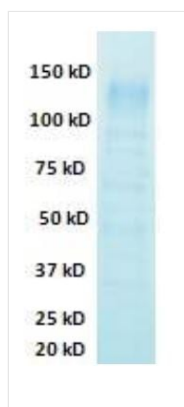
PRODUCT SYNONYMS

gp140 (HIV-1/Subtype CRF01_AE) (CM235); gp140 (HIV-1/Subtype CRF01_AE) (CM235) (aa 30-667); HIV-1 subtypes B and E (CRF01_AE); gp140 (HIV-1/Subtype CRF01_AE)(CM235); gp140 recombinant protein

PRODUCT SPECIFICATIONS

Host	293 cell culture
Purity/Purification	> 95% (SDS-PAGE)
Concentration	1 mg/ml in PBS (varies by lot)
Applicable Applications for gp140 recombinant protein	Immunogen, ELISA, WB (Western Blot)
Viral Protein	6xHis tagged HIV-1 gp140 (CRF01_AE)(isolate CM235) protein (amino acid 30-667) (Genebank accession#: AAG28611)
Preparation and Storage	Store at -20 degree C. Stable for 3-months from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for gp140 recombinant protein	Description: 6xHis tagged gp140 (HIV-1/Subtype CRF01_AE)(CM235) (aa 30-667)(Genebank No. AAG28611) Envelop protein gp140 expressed and purified from 293 cell culture Introduction: Envelope glycoprotein GP120 (or gp120) is a glycoprotein exposed on the surface of the HIV envelope. The 120 in its name comes from its molecular weight of 120. Gp120 is essential for virus entry into cells as it plays a vital role in attachment to specific cell surface receptors. These receptors are DC-SIGN, Heparan Sulfate Proteoglycan and a specific interaction with the CD4 receptor, particularly on helper T-cells. Binding to CD4 induces the start of a cascade of conformational changes in gp120 and gp41 that lead to the fusion of the viral with the host cell membrane. Binding to CD4 is mainly electrostatic although there are van der Waals interactions and hydrogen bonds.
Product Categories/Family for gp140 recombinant protein	Viral Recombinant Proteins; HIV/SIV

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://stage.aaabiotech.com/gp140-hiv-1/subtype-crf01-ae-cm235-recombinant-protein-293-cell-culture-immunogen-elisa-wb-western-blot/62209>