



NIH AIDS Reagent Program
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DATA SHEET

Reagent:	HIV-1 CM235 gp120 Recombinant Protein
Catalog Number:	12816
Lot Number:	160009
Provided:	500 µg of purified protein at 1.0 mg/mL in PBS, pH 7.2 (sterile filtered) Endotoxin = 1.3 EU/mg
Molecular Weight:	Approximately 120 kDa
Purity:	>90% purity via SDS PAGE Coomassie staining.
Description:	An envelope protein derived from CM235, a CRF01_AE virus.
Special Characteristics:	The CD5 signal peptide has been added for increased expression. Produced in HEK-293 Freestyle cells in serum-free media. Purified by ion exchange and lectin affinity. Amino acid sequence Applications: ELISA, Western This reagent has replaced ARP cat# 2968. Note: This protein demonstrates different ELISA binding affinities as compared to ARP cat# 2968.
Recommended Storage:	Keep the reagent at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	NIAID, DAIDS
NOTE:	Acknowledgement for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 CM235 gp120 Recombinant Protein from NIAID, DAIDS (cat #12816)."

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

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