



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 MN gp41 Recombinant Protein
Catalog Number:	12027
Lot Number:	100151
Provided:	50 µg (1 mg/mL) in 10mM Tris, pH 8.0, 0.002% SDS.
Molecular Weight:	Approximately, 35 kD.
Purity:	>98% as determined by SDS-PAGE, reduced. Purified by affinity chromatography and preparative electrophoresis.
Description:	Truncated recombinant HIV-1 MN envelope protein gp41 produced in the E.coli Expression System.
Special Characteristics:	<p>This protein binds to murine monoclonal antibodies of defined epitope specificity and HIV-1 converted human serum polyclonal antibodies in ELISA and Western ELISA.</p> <p>Recommended concentration for use: ELISA and Western ELISA require 10-100 ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100 ng of immobilized protein under standard ELISA conditions.</p>
Recommended Storage:	-75°C.
Contributor:	DAIDS, NIAID (Immunodiagnostics, Inc.)
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 MN gp41 Recombinant Protein." Also include the references cited above in any publications.
Last Updated:	September 07, 2017

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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