



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HIV-1 MN gp41 Recombinant Protein
<b>Catalog Number:</b>	12027
<b>Lot Number:</b>	J15/13AT30
<b>Provided:</b>	50 µg (1 mg/mL) in 10mM Tris, pH 8.0, 0.002% SDS.
<b>Molecular Weight:</b>	Approximately, 35 kD.
<b>Purity:</b>	>98% as determined by SDS-PAGE, reduced. Purified by affinity chromatography and preparative electrophoresis.
<b>Special Characteristics:</b>	<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>
<b>Recommended Storage:</b>	-75°C.
<b>Contributor:</b>	DAIDS, NIAID (Immunodiagnostics, Inc.)
<b>NOTE:</b>	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.
<b>Last Updated:</b>	September 09, 2016

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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.