



## 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>	160174
<b>Provided:</b>	50 µg of purified protein at 1 mg/mL in 10 mM Tris, pH 8.0, 0.002% SDS
<b>Molecular Weight:</b>	Approximately 35 kDa
<b>Purity:</b>	>98% by SDS-PAGE, reduced
<b>Description:</b>	A protein fragment derived from HIV-1 MN gp41.
<b>Special Characteristics:</b>	<p>This envelope protein is produced in an <i>E. coli</i> expression system and purified by affinity chromatography and preparative electrophoresis.</p> <p>This protein binds to murine monoclonal antibodies of defined epitope specificity and HIV-1 converted human serum polyclonal antibodies in ELISA and Western Blot.</p> <p>Sequence: Not Available</p> <p>Applications: ELISA, Western Blot</p>
<b>Recommended Storage:</b>	Keep the reagent at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
<b>Contributor:</b>	NIAID, DAIDS (Produced by ImmunoDX, LLC.)
<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 from ImmunoDX, LLC."
<b>Last Updated:</b>	January 29, 2018

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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.

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