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DATA SHEET

Reagent:	HIV-1 AC10.29 gp120 Avi His Recombinant Protein
Catalog Number:	13055
Lot Number:	170156
Provided:	250 µg of purified protein at 1.00 mg/mL in PBS buffer, pH 7.2, sterile filtered. Endotoxin= 0.7 EU/mg by LAL method
Molecular Weight:	Approximately 120 kDa including tags
Purity:	80% by SDS-PAGE
Description:	A full length protein derived from HIV-1 AC10.29 gp120 that contains an Avi-His tag at the C-terminus.
Special Characteristics:	This envelope protein is produced in a Expi293F expression system and purified by one-step purification by HisTrap™ FF Crude. It contains an Avi-His tag at the C-terminus. Sequence: Protein Sequence
Recommended Storage:	Keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Dr. Xueling Wu
References:	M. Jia, H. Lu, M. Markowitz, C. Cheng-Mayer and X. Wu. (2016). Development of Broadly Neutralizing Antibodies and Their Mapping by Monomeric gp120 in Human Immunodeficiency Virus Type 1-Infected Humans and Simian-Human Immunodeficiency Virus SHIVSF162P3N-Infected Macaques. J Virol, 90(8), 4017-31. doi:10.1128/JVI.02898-15 PUBMED

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 AC10.29 gp120 Avi His Recombinant Protein from Dr. Xueling Wu." Also include the references cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Rockefeller Office of Technology Transfer at the following email address: mta@rockefeller.edu

Last Updated:

August 08, 2017

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