



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

<b>Reagent:</b>	Human APOBEC3G Recombinant Protein
<b>Catalog Number:</b>	10068
<b>Lot Number:</b>	150153
<b>Provided:</b>	100 µg of purified protein at 1 mg/mL, in 50 mM Hepes, pH 8.0, 0.075 M NaCl, 10 mM MgCl <sub>2</sub> , 0.2 mM BMe, 5% Glycerol
<b>Molecular Weight:</b>	Approximately 44 kDa not including the tag
<b>Purity:</b>	>98% by SDS-PAGE, reduced
<b>Description:</b>	A full length protein derived from Human APOBEC3G
<b>Special Characteristics:</b>	<p>This protein is produced in a baculovirus expression system and purified by Ni-affinity chromatography. It contains a 4-His tag at the C-terminus.</p> <p>This protein binds to anti-APOBEC3G murine monoclonal antibodies and rabbit polyclonal antibodies as determined by ELISA and Western blot assays. It also binds to recombinant HIV-1 vif as determined by ELISA and Western Blot, and complexes with native vif in HIV-1 viral lysates.</p> <p>Sequence: Not Provided</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: Human APOBEC3G Recombinant Protein from ImmunoDX, LLC."

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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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