



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Human APOBEC3G Recombinant Protein
Catalog Number:	10068
Lot Number:	160179
Provided:	100 µg of purified protein at 1 mg/mL, in 50 mM Hepes, pH 8.0, 50 mM NaCl, 10 mM MgCl ₂ , 0.2 mM BMe, Sarcosyl trace
Molecular Weight:	Approximately 44 kDa not including the tag
Purity:	>98% by SDS-PAGE, reduced
Description:	A full length protein derived from Human APOBEC3G
Special Characteristics:	<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>
Recommended Storage:	Keep the reagent at -80°C. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	NIAID, DAIDS (Produced by ImmunoDX, LLC.)
NOTE:	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."

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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