



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Human APOBEC3G Recombinant Protein
<b>Catalog Number:</b>	10068
<b>Lot Number:</b>	5
<b>Provided:</b>	100 µg purified protein, in 50mM Sodium Phosphate, pH 8.0, 0.1M NaCl, 0.02% Sarcosyl. (no preservatives)
<b>Molecular Weight:</b>	Approximately 44kD.
<b>Purity:</b>	Purified by $(\text{NH}_4)_2\text{SO}_4$ fractionation and immuno-affinity chromatography to > 95% purity as determined by SDS-PAGE, reduced.
<b>Description:</b>	Recombinant human APOBEC3G (CEM15), produced in the Baculo Expression System as a full length protein.
<b>Special Characteristics:</b>	This protein binds to anti-CEM15 murine monoclonal antibodies as determined by ELISA and Western blot assays. Also binds HIV-1 vif as determined by ELISA and Western Blot, and complexes with native vif in HIV infected cells.
<b>Recommended Storage:</b>	-75°C
<b>Contributor:</b>	Immunodiagnosics, 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: Human APOBEC3G Recombinant Protein, from Immunodiagnosics.
<b>Last Updated:</b>	September 29, 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.