

Recombinant Mouse Apolipoprotein H Protein

Catalog #	Source	Reactivity	Applications
CRP2853	Human cells	Mouse	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse Apolipoprotein H Protein is produced by mammalian expression system and the target gene encoding Gly20-Cys345 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.		
Gene Symbol	APOH		
Alternative Names	B2G1; Beta-2-glycoprotein 1; APC inhibitor; Activated protein C-binding protein; Anticardiolipin cofactor; Apolipoprotein H; Apo-H; Beta-2-glycoprotein I; B2GPI; Beta(2)GPI		
Entrez Gene	11818 (Mouse)		
SwissProt	Q01339 (Mouse)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	GRICPKPDDL PFATVVPLKT SYDPGEQIVY SCKPGYVSRG GMRRFTCPLT GMWPINTLRC VPRVCPFAGI LENGIVRYTS FEYPKNISFA CNPGFFLNGT SSSKCTEEGK WSPDIPACAR ITCPPPPVPK FALLKDYRPS AGNNSLYQDT VVFKCLPHFA MIGNDTVMCT EQGNWTRLPE CLEVKCPFPP RPENGYVNYP AKPVLLYKDK ATFGCHETYK LDGPEEAECT KTGTWSFLPT CRECKLPVK KATVLYQGMR VKIQEQFKNG MMHGDKIHFY CKNKEKKCSY TVEAHCRDGT IEIPSCFKEH SSLAFWKTD SELTPCVDHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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