

# Product Data Sheet

## Recombinant Human APOH Protein

| Catalog #                 | Source   | Reactivity | Applications        |
|---------------------------|--|------------|---------------------|
| CRP1073                   | Human cells  | Human      | E, WB, SDS-PAGE, MS |
| <b>Description</b>        | Recombinant Human APOH Protein is produced by our Mammalian expression system and the target gene encoding Gly20-Ser345 is expressed with a 6His tag at the C-terminus.  |            |                     |
| <b>Form</b>               | Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.2.   |            |                     |
| <b>Gene Symbol</b>        | APOH   |            |                     |
| <b>Alternative Names</b>  | 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   |            |                     |
| <b>Entrez Gene</b>        | 350 (Human)  |            |                     |
| <b>SwissProt</b>          | P02749 (Human)   |            |                     |
| <b>Purity</b>             | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.  |            |                     |
| <b>Chemical Structure</b> | <p>GRTCPKPDDL PFSTVVPLKT FYEPGEEITY SCKPGYVSRG GMRKFICPLT GLWPINTLKC</p> <p>TPRVCPFAGI LENGAVRYTT FEYPNTISFS CNTGFYLNGA DSAKCTEEGK WSPCLPVCAP</p> <p>IICPPPSIPT FATLRVYKPS AGNNSLYRDT AVFECLPQHA MFGNDTITCT THGNWTKLPE</p> <p>CREVKCPFPS RPDNGFVNYP AKPTLYYKDK ATFGCHDGYS LDGPREEICT KLGNWSAMPS</p> <p>CKASCKVPVK KATVVYQGER VKIQEKFKNG MLHGDKVSFF CKNKEKKCSY TEDAQCIDGT</p> <p>IEVPKCFKEH SSLAFWKTD A SDVKPCVDHH HHHH</p> |            |                     |
| <b>Quality Control</b>    | Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.   |            |                     |
| <b>Directions for Use</b> | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in 1X PBS. 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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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°C for 2-7 days.

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

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