

## Recombinant Human APCS Protein

Catalog #	Source	Reactivity	Applications
CRP1061	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human APCS Protein is produced by our Mammalian expression system and the target gene encoding His20-Val223 is expressed with a 6His tag at the C-terminus.

**Form** Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

**Gene Symbol** APCS

**Alternative Names** PTX2; Serum amyloid P-component; SAP; 9.5S alpha-1-glycoprotein

**Entrez Gene** 325 (Human)

**SwissProt** P02743 (Human)

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Chemical Structure** HTDLSGKVFV FPRESVTDHV NLITPLEKPL QNFTLCFRAY SDLSRAYSLF SYNTQGRDNE  
LLVYKERVGE YSLYIGRHKV TSKVIEKFPA PVHICVSWES SSGIAEFWIN GTPLVKKGLR  
QGYFVEAQPK IVLGQEQDSY GGGKFDQRSQSF VGEIGDLYMW DSVLPPENIL SAYQGTPLPA  
NILDWQALNY EIRGYVIIKP LVWVDHHHHH H

**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 1X PBS. Please aliquot the reconstituted solution to minimize 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.

**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

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