

## Recombinant Full Length Human APCS Protein, GST tagged

Cat. No. APCS-674H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human APCS full-length ORF ( AAH07058, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal was expressed in Wheat germ cell free in vitro.
<b>Species</b>	Human
<b>Source</b>	Wheat germ cell free in vitro
<b>ProteinLength</b>	1-223 aa
<b>Description</b>	The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	50.27 kDa
<b>AASequence</b>	MNKPLLWISVLTSLLFAFAHTDLGKVFVFPRESVTDHVNLTIPLEKPLQNFTLCFRA YDSLRSAYSLFSYNTQGRDNELLYKERVGEYSLYIGRHKVTSKVIKFPAPVHICVS WESSSGIAEFWINGTPLVKKGLRQGYFVEAQPKIVLGQEQDSYGGKFDRSQSFVGE

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IGDLYMWDSVLPPENILSAYQGTPLPANILDWQALNYEIRRYVVIKPLVWV

**Applications**

Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)  
Antibody Production Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Quality Control Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

## GENE INFORMATION

**Gene Name**

APCS amyloid P component, serum [ Homo sapiens (human) ]

**Official Symbol**

APCS

**Synonyms**

APCS; amyloid P component, serum; SAP; PTX2; HEL-S-92n; serum amyloid P-component; 9.5S alpha-1-glycoprotein; epididymis secretory sperm binding protein Li 92n; pentaxin-related; pentraxin-2; pentraxin-related

**Gene ID**

325

**mRNA Refseq**

NM\_001639

**Protein Refseq**

NP\_001630

**MIM**

104770

**UniProt ID**

P02743

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**SDS-PAGE**



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