Recombinant Full Length Human APCS Protein, GST tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Wheat germ cell free in vitro
ProteinLength	1-223 aa
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	50.27 kDa
AASequence	MNKPLLWISVLTSLLEAFAHTDLSGKVFVFPRESVTDHVNLITPLEKPLQNFTLCFRA YSDLSRAYSLFSYNTQGRDNELLVYKERVGEYSLYIGRHKVTSKVIEKFPAPVHICVS WESSSGIAEFWINGTPLVKKGLRQGYFVEAQPKIVLGQEQDSYGGKFDRSQSFVGE

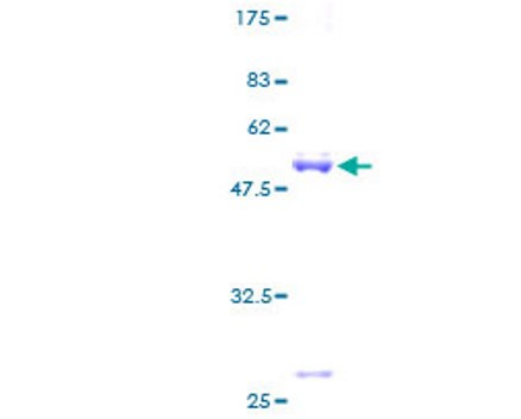
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	IGDLYMWDSVLPPENILSAYQGTPLPANILDWQALNYEIRRYVIIKPLVWV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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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