Recombinant Full Length Human APCS Protein, C-Flag-tagged

Cat. No. APCS-851HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APCS Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.2 kDa
AA Sequence	MNKPLLWISVLTSLLEAFAHTDLSGKVFVFPRESVTDHVNLITPLEKPLQNFTLCFRA YSDLSRAYSLFS YNTQGRDNELLVYKERVGEYSLYIGRHKVTSKVIEKFPAPVHICV SWESSSGIAEFWINGTPLVKKGLRQ GYFVEAQPKIVLGQEQDSYGGKFDRSQSFV GEIGDLYMWDSVLPPENILSAYQGTPLPANILDWQALNYE IRGYVIIKPLVWVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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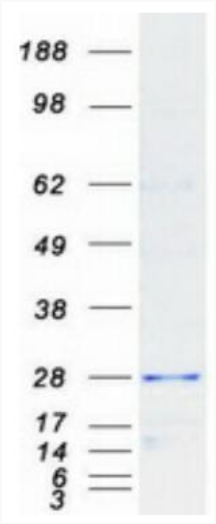
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	APCS amyloid P component, serum [Homo sapiens (human)]
Official Symbol	APCS
Synonyms	SAP; PTX2; HEL-S-92n
Gene ID	325
mRNA Refseq	NM_001639.4
Protein Refseq	NP_001630.1
MIM	104770

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UniProt ID	P02743



Coomassie blue staining of purified APCS protein.

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