Recombinant Human APCS Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. APCS-341H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	APCS MS Standard C13 and N15-labeled recombinant protein (NP_001630) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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. [provided by RefSeq, Sep 2008]
Molecular Mass	25.4 kDa
AA Sequence	MNKPLLWISVLTSLLEAFAHTDLSGKVFVFPRESVTDHVNLITPLEKPLQNFTLCFRA YSDLSRAYSLFSYNTQGRDNELLVYKERVGEYSLYIGRHKVTSKVIEKFPAPVHICVS WESSSGIAEFWINGTPLVKKGLRQGYFVEAQPKIVLGQEQDSYGGKFDRSQSFVGE IGDLYMWDSVLPPENILSAYQGTPLPANILDWQALNYEIRGYVIIKPLVWVTRTRPLE QKLISEEDLAANDILDYKDDDDKV

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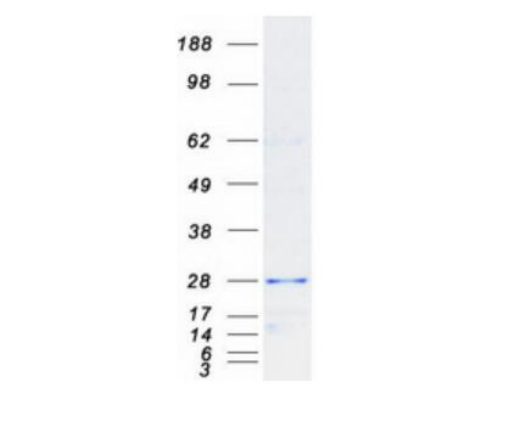
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	APCS amyloid P component, serum [Homo sapiens (human)]
Official Symbol	APCS
Synonyms	APCS; amyloid P component, serum; serum amyloid P-component; 9.5S alpha 1 glycoprotein; MGC88159; pentaxin related; PTX2; SAP; pentaxin-related; 9.5S alpha-1-glycoprotein;
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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