Recombinant Human Serum amyloid P-component (APCS)

Product Code	CSB-BP001898HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P02743
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	H TDLSGKVFVF PRESVTDHVN LITPLEKPLQ NFTLCFRAYS DLSRAYSLFS YNTQGRDNEL LVYKERVGEY SLYIGRHKVT SKVIEKFPAP VHICVSWESS SGIAEFWING TPLVKKGLRQ GYFVEAQPKI VLGQEQDSYG GKFDRSQSFV GEIGDLYMWD SVLPPENILS AYQGTPLPAN ILDWQALNYE IRGYVIIKPL VWV
Source	Baculovirus
Target Names	APCS
Protein Names	Recommended name: Serum amyloid P-component Short name= SAP Alternative name(s): 9.5S alpha-1-glycoprotein Cleaved into the following chain: 1. Serum amyloid P-component(1-203)
Expression Region	20-223
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.