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Datasheet for ABIN7534355
APCS Protein (His tag)

Overview

Quantity:	100 µg
Target:	APCS
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APCS protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Serum Amyloid P/SAP Protein
Sequence:	HTDLSGKVFV FPRESVTDHV NLITPLEKPL QNFTLCFRAY SDLSRAYSLF SYNTQGRDNE LLVYKERVGE YSLYIGRHKV TSKVIEKFPA PVHICVSWES SSGIAEFWIN GTPLVKKGLR QGYFVEAQPK IVLGQEQDSY GGGFDRSQSF VGEIGDLYMW DSVLPENIL SAYQGTPLPA NILDWQALNY EIRGYVIKLP LVWV
Specificity:	His20-Val223
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01 EU/µg of the protein by LAL method.

Target Details

Target:	APCS
Alternative Name:	Serum Amyloid P/SAP (APCS Products)

Target Details

Background: Description: Serum amyloid P-component can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells. The identical serum form of amyloid P component (AP), a highly preserved plasma protein named for its ubiquitous presence in amyloid deposits. As a normal plasma protein first identified as the pentagonal constituent of in vivo pathological deposits called "amyloid". Serum amyloid P component represents another member of the pentraxin family, a highly conserved group of molecules that may play a role in innate immunity.

Name: APCS,HEL-S-92n,PTX2,SAP

Gene ID: 325

UniProt: [P02743](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
