

Recombinant Human Serum Amyloid P/SAP Protein

Catalog No.: RP00245

Sequence Information

Species **Gene ID**
Human 325

Swiss Prot **Tags**
P02743 C-His

Synonyms
APCS,HEL-S-92n,PTX2,SAP

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
23.26 kDa 20–30 kDa

Endotoxin
< 0.01 EU/μg of the protein by LAL
method

Formulation
Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us
for customized product form or
formulation.

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.

Background

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.

Basic Information

Description

Recombinant Human Serum Amyloid P/SAP Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His 20 – Val 223) of human Serum Amyloid P (Accession #NP_001630.1) fused with a 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

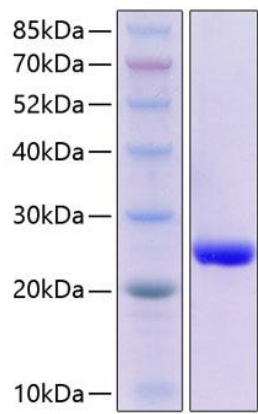
Contact

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Validation Data



Recombinant Human Serum Amyloid P/SAP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.