

Serum Amyloid P Component Active Protein | Apcs active protein

Recombinant Mouse APCS/SAP Protein (His Tag)

CATALOG # AAA22130	HOST Human Cells
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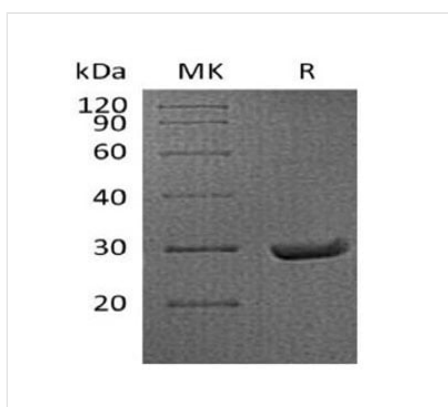
PRODUCT SYNONYMS

Serum Amyloid P Component; Recombinant Mouse APCS/SAP Protein (His Tag); APCS; PTX2; SAP; 9.5S alpha-1-glycoprotein; Serum amyloid P; MGC88159; PTX2serum amyloid P-component; SAP pentaxin-related; Apcs active protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 10 mM Tris, 10, < NaH ₂ PO ₄ , 0.2 M NaCl, 1 mM EDTA, 0.5 M sucrose, 5% Trehalose, pH 8.4, 5% Mannitol, and 0.01% Tween-80
Sequence Positions	Gln21-Asp224
Species	Mouse
Tag	C-6His
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20°C to -80°C. Reconstituted protein solution can be stored at 4°C to 8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for up to 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Apcs active protein	Pentraxin 2 (PTX2), also known as Serum amyloid P (SAP), is a highly conserved, naturally circulating plasma protein and a soluble pattern recognition receptor of the innate immune system. The unique binding activities indicated that it may play an important role in the removal of damaged tissue. PTX2 belongs to the pentraxin family, is universally present in amyloid deposits. Mouse with targeted deletion of the PTX2 gene shows retarded and reduced induction of experimental reactive systemic (AA type) amyloidosis confirmed that it does indeed contribute to pathogenesis of amyloidosis and is a valid therapeutic target. In recent discovery, PTX2 can be used as a powerful antifibrotic agent to regulate certain monocyte differentiation states.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226958497
NCBI GeneID	20219
NCBI Accession #	NP_035448.2
NCBI GenBank Nucleotide #	NM_011318.2
UniProt Accession #	P12246
Molecular Weight	Molecular Mass: 24.9 kDa Actual Protein Molecular Mass: 28-32 kDa
NCBI Official Full Name	serum amyloid P-component
NCBI Official Synonym Full Names	serum amyloid P-component
NCBI Official Symbol	Apcs
NCBI Official Synonym Symbols	Sap
NCBI Protein Information	serum amyloid P-component
UniProt Protein Name	Serum amyloid P-component
UniProt Gene Name	Apcs
UniProt Synonym Gene Names	Ptx2; Sap; SAP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-active-protein/serum-amyloid-p-component/22130>