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Datasheet for ABIN7519671 APCS Protein (His tag)

Overview

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| Quantity: | 20 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

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| Purpose: | Recombinant Human Serum Amyloid P/SAP Protein |
| Sequence: | HTDLSGKVFV FPRESVTDHV NLITPLEKPL QNFTLCFRAY SDLSRAYSLF SYNTQGRDNE LLVYKERVGE YSLYIGRHKV TSKVIEKFPA PVHICVSWES SSGIAEFWIN GTPLVKKGLR QGYFVEAQP K IVLGQE QDSY G GKFDRSQSF VGEIGDLYMW DSVLP PENIL SAYQGTPLPA NILDWQALNY EIRGYV I I K P 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

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

Target Details

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| Background: | <p>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.</p> <p>Name: APCS,HEL-S-92n,PTX2,SAP</p> |
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| Gene ID: | 325 |
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| UniProt: | P02743 |
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Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
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| 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. |
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| Buffer: | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. |
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| Storage: | -20 °C,-80 °C |
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| Storage Comment: | <p>Store the lyophilized protein at -20°C to -80 °C for long term.</p> <p>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.</p> |
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