

Datasheet for ABIN7596422

APCS Protein (AA 21-224) (His tag)[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 100 µg |
| Target: | APCS |
| Protein Characteristics: | AA 21-224 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This APCS protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|--|
| Sequence: | QTDLKRKVFV FPRESETDHV KLIPHLEKPL QNFTLCFRTY SDLSRSQSLF SYSVKGRDNE LLIYKEKVGE YSLYIGQSKV TVRGMEEYLS PVHLCTTWES SSGIVEFWVN GKPWWKKSQ REYTVKAPPS IVLGQEQDNY GGGFQRSQSF VGEFSDLYMW DYVLTPQDIL FVYRDSPVNP NILNWQALNY EINGYVVIRP RVWD |
| Purity: | > 90% by SDS-PAGE |
| Endotoxin Level: | < 1 EU per 1ug of protein (determined by LAL method) |

Target Details

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|-------------------|--|
| Target: | APCS |
| Alternative Name: | Pentraxin 2/PTX2 (APCS Products) |
| Background: | Pentraxin2, also known as serum amyloid P-component, is a secreted serum glycoprotein that |

Target Details

belongs to the pentraxins family. This family binds calcium-dependent lectin-like manner and is characterized distinctive flattened Beta-jellyroll structure similar to the legume lectins. This protein is a non-fibrillar component, it can interact with DNA and histones. It regulates the solubility of amyloid fibrils and protects them from degradation by proteolytic enzymes and phagocytic cells. This protein is the major acute-phase protein and expression of it is dependent on complement activation, IL-6 and/or IL-1 beta. Recombinant mouse Pentraxin2 protein, fused to His-tag at C-terminus, was expressed in HEK293 and purified by using conventional chromatography techniques.

Molecular Weight: 24.6 kDa (210aa)

NCBI Accession: [NP_035448](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.