

Datasheet for ABIN7320740

**APCS Protein (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	APCS
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APCS protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse APCS/SAP Protein (His Tag)
Sequence:	Gln21-Asp224
Characteristics:	Recombinant Mouse Serum Amyloid P Component is produced by our Mammalian expression system and the target gene encoding Gln21-Asp224 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	APCS
Alternative Name:	APCS/SAP ( <a href="#">APCS Products</a> )
Background:	Background: 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

## Target Details

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.

Synonym: APCS, PTX2, SAP, 9.5S alpha-1-glycoprotein, Serum amyloid P, MGC88159, PTX2serum amyloid P-component, SAP pentaxin-related

Molecular Weight:	24.9 kDa
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NCBI Accession:	<a href="#">NP_035448</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

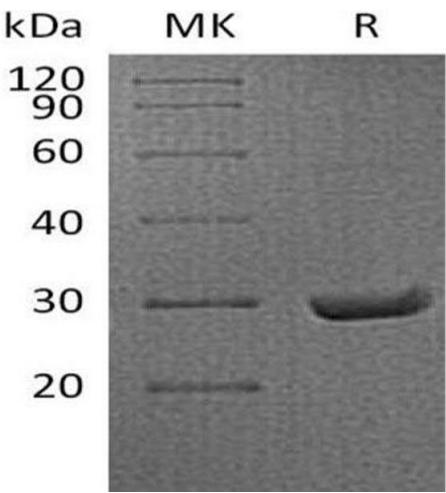
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.