

Recombinant Guinea pig Apoc2 protein, His & GST-tagged

Cat. No. Apoc2-2086G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Guinea pig Apoc2 aa. (Asp32~Gln100 (Accession # P27916)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Guinea pig
Source	E.coli
ProteinLength	Asp32~Gln100
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage Buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Apoc2 apolipoprotein C2 \[Cavia porcellus \(domestic guinea pig\) \]](#)

Official Symbol

[Apoc2](#)

Synonyms

Rgs3; regulator of G-protein signaling 3; C2pa; RGS3S; PDZ-RGS3; C2PA-RGS3; 4930506N09Rik; regulator of G-protein signaling 3; C2 membrane binding, PDZ protein/protein interaction, ATP/GTP binding domains

Gene ID

[100135480](#)

mRNA Refseq

[NM_001172914.2](#)

Protein Refseq

[NP_001166385.1](#)

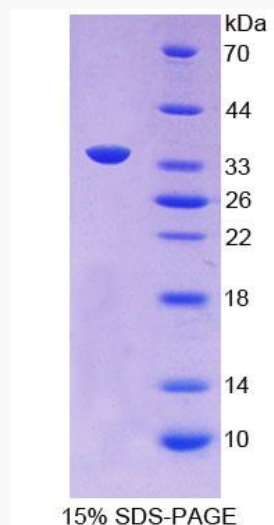
UniProt ID

[P27916](#)

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SDS-PAGE

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