

## Recombinant Rabbit APOA5 Protein, His&GST-tagged

Cat. No. APOA5-215R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rabbit APOA5 Protein (Arg24-Pro217) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rabbit
<b>Source</b>	E.coli
<b>ProteinLength</b>	Arg24-Pro217
<b>Description</b>	The protein encoded by this gene is an apolipoprotein that plays an important role in regulating the plasma triglyceride levels, a major risk factor for coronary artery disease. It is a component of high density lipoprotein and is highly similar to a rat protein that is upregulated in response to liver injury. Mutations in this gene have been associated with hypertriglyceridemia and hyperlipoproteinemia type 5.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 52.3 kDa Accurate Molecular Mass: 52 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

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

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

APOA5 apolipoprotein A-V [ *Oryctolagus cuniculus* (rabbit) ]

**Official Symbol**

APOA5

**Synonyms**

APOA5; apolipoprotein A-V; apolipoprotein AV

**Gene ID**

100328796

**mRNA Refseq**

NM\_001171409

**Protein Refseq**

NP\_001164880

**UniProt ID**

B7NZL9

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