

Recombinant Chicken APOA5 Protein, His-tagged

Cat. No. APOA5-211C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Chicken APOA5 Protein (Leu60-Ser340) with N-His tag was expressed in E. coli.
Species	Chicken
Source	E.coli
ProteinLength	Leu60-Ser340
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.5 kDa Accurate Molecular Mass: 35 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 A5 [Gallus gallus (chicken)]

Official Symbol

APOA5

Synonyms

APOA5; apolipoprotein A5; apolipoprotein A-V; apolipoprotein A5

Gene ID

419802

mRNA Refseq

XM_417939

Protein Refseq

XP_417939

UniProt ID

E1BT17

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA