

Recombinant Human APOC4 Protein, His-tagged

Cat. No. APOC4-224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOC4 Protein (Gln32-Gly127) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln32-Gly127
Description	This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is thought to play a role in lipid metabolism. Polymorphisms in this gene may influence circulating lipid levels and may be associated with coronary artery disease risk. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring downstream apolipoprotein C-II (APOC2) gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 11.28 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

[APOC4 apolipoprotein C-IV \[Homo sapiens \(human\) \]](#)

Official Symbol

[APOC4](#)

Synonyms

APOC4; apolipoprotein C-IV; apolipoprotein C4; APO-CIV; APOC-IV

Gene ID

[346](#)

mRNA Refseq

[NM_001646](#)

Protein Refseq

[NP_001637](#)

MIM

[600745](#)

UniProt ID

[P55056](#)

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