

## Recombinant Human APOC4 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APOC4 Protein (Gln32-Gly127) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln32-Gly127
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 11.28 kDa
<b>Purity</b>	> 97%
<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**

[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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