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Datasheet for ABIN7318171

## Apolipoprotein C-II Protein (APOC2) (His tag)

### Overview

Quantity:	50 µg
Target:	Apolipoprotein C-II (APOC2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Apolipoprotein C-II protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Apolipoprotein C-II/APOC2 Protein (His Tag)
Sequence:	Met 1-Glu82
Characteristics:	Recombinant Human Apolipoprotein C-II is produced by our E.coli expression system and the target gene encoding Met1-Glu82 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	Apolipoprotein C-II (APOC2)
Alternative Name:	Apolipoprotein C-II ( <a href="#">APOC2 Products</a> )
Background:	Background: APOC2 activates the lipoprotein lipase in capillaries, which hydrolyzes triglycerides and thus provides free fatty acids for cells. APOC2 is component of the very low density lipoprotein (VLDL) fraction in plasma. It is also an activator of several triacylglycerol lipases.

## Target Details

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The association of APOC2 with plasma chylomicrons, VLDL, and HDL is reversible, a function of the secretion and catabolism of triglyceride-rich lipoproteins, and changes rapidly. Defects in APOC2 are the cause of hyperlipoproteinemia type 1B (HLPP1B) which characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. Synonym: Apolipoprotein C-II, Apolipoprotein C2, APC2 and APOC2

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Molecular Weight: 10.0 kDa

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UniProt: [P02655](#)

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Pathways: [Lipid Metabolism](#)

## Application Details

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Comment: 14 kDa

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Restrictions: For Research Use only

## Handling

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Format: Frozen, Liquid

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Buffer: Supplied as a 0.2 µm filtered solution of 20 mMMPB,150 mM NaCL,30 % glycerol, pH 7.2.

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Storage: -20 °C

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Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.