Recombinant Human APOC2 Protein, His-tagged

Cat. No. APOC2-916H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APOC2 fused with His tag at C-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	23-101 aa
Description	This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. 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 upstream apolipoprotein C-IV (APOC4) gene.
Form	Supplied as a 0.2 μM filtered solution of PBS, 30%glycerol, pH7.4
Molecular Mass	10kD
AA Sequence	MTQQPQQDEMPSPTLLTQVKESLSSYWESAKTAAQNLYEKTYLPAVDEKLRDLYSK STAAMSTYTGIFTDQVLSVLKGEELEHHHHHH

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Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	APOC2 apolipoprotein C-II [Homo sapiens]
Official Symbol	APOC2
Synonyms	APOC2; apolipoprotein C-II; apolipoprotein C2; APO-CII; APOC-II; MGC75082;
Gene ID	344
mRNA Refseq	NM_000483
Protein Refseq	NP_000474
MIM	608083
UniProt ID	P02655

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