

Recombinant Full Length Human APOC2 Protein, C-Flag-tagged

Cat. No. APOC2-439HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human APOC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	8.9 kDa
AA Sequence	MGTRLLPALFLVLLVLLVLFGEVQGTQQPQQDEMPSPTLLTQVKESLSSYWESAKTAAQ NLYEKTYLPAVDEKLRDLYSKSTAAMSTYTGIFTDQVLSVLKGEETRTRPLEQKLISE EDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	APOC2 apolipoprotein C2 [Homo sapiens (human)]
Official Symbol	APOC2
Synonyms	APO-CII; APOC-II
Gene ID	344
mRNA Refseq	NM_000483.5
Protein Refseq	NP_000474.2
MIM	608083

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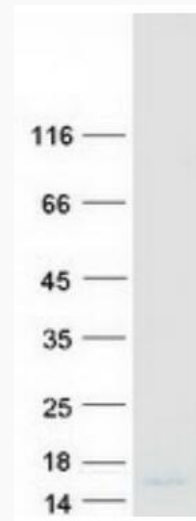
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UniProt ID

P02655



Coomassie blue staining of purified APOC2 protein.

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