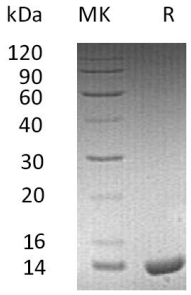
Product Name: Recombinant Human ApoC2 (C-6His)
Catalog #: PEH0085

Summary

Name	Apolipoprotein C-II/ApoC2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Apolipoprotein C-II is produced by our E.coli expression system and the target gene encoding Thr23-Glu101 is expressed with a 6His tag at the C-terminus.
Accession #	AAP35354.1
Host	E.coli
Species	Human
Predicted Molecular Mass	10 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, 50% Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Apolipoprotein C-II; Apolipoprotein C2; APC2 and APOC2
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. 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.

Note

For Research Use Only , Not for Diagnostic Use.