Product Name: Recombinant Human ApoA4 (C-6His)
Catalog #: PHH0084

Summary

Name	Apolipoprotein A-IV/ApoA4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Apolipoprotein A-IV is produced by our Mammalian expression system and the target gene encoding Glu21-Ser396 is expressed with a 6His tag at the C-terminus.
Accession #	P06727
Host	Human Cells
Species	Human
Predicted Molecular Mass	44.44 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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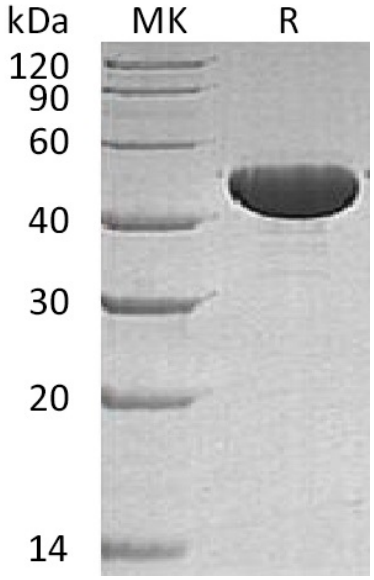

Alternative Names

Apolipoprotein A-IV; Apo-AIV; ApoA-IV; Apolipoprotein A4; APOA4

Background

Apolipoprotein A4 (APOA4) is a secreted protein that belongs to the apolipoprotein A1/A4/E family. Apoa-IV is a major component of HDL and chylomicrons. APOA4 is secreted into circulation on the surface of newly synthesized chylomicron particles. APOA4 play a role in the regulation of appetite and satiety in rodent models. APOA4 involved in chylomicrons and VLDL secretion and catabolism and required for efficient activation of lipoprotein lipase by ApoC-II. In addition, APOA4 is a potent activator of lecithin-cholesterol acyltransferase in vitro.

Note

For Research Use Only , Not for Diagnostic Use.